

NCEMS 2014

**The 21st Annual
Conference of the
National Collegiate
Emergency Medical
Services Foundation**



February 28-March 2, 2014
Marriott Copley Place
Boston, MA

Table of Contents

About NCEMSF	3
About the Host City	4
Conference Schedule - Friday	5-9
Facility Floor Plan	5
Sponsors and Exhibitors	6
Conference Schedule - Saturday	10-25
Schools in Attendance	26-27
Conference Schedule - Sunday	28-33
Continuing Medical Education	33
Boston Lunch/Saturday Night	34-36
Presenter Bios	37-43
Richard W. Vomacka Speakers	44
NCEMSF Leadership Bios	45-48
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 twenty-one 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 45

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	Michael T. Hilton, MD
Director-at-Large	Les Polk, NREMT-P

Division Chairs / Coordinators

Membership	Karolina A. Schabses, MPH
National Coord.	Stephen J. Lanieri
Startup	Andrew S. Mener, MD
Asst. Startup	Daniel McConnell
Alumni	Joshua E. Glick
EMS Week	(AVAILABLE)
Emergency Mgmt	Eric Pohl, NREMT-P
Technologist	Timothy J. McMichael, NREMT-P
Hotel Liaison	Jennifer D. Shoemake
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Regional Coordinators

Canada	Jeffrey J. Bilyk
Central	Ian Feldman
Massachusetts	David Afienko
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Midwest	Joseph Grover, MD
New York	Matthew Ricci
North Central	Katie Egan, RN
Northeast	Yoni Litwok
N. New England	Kate Marquis, RN
Pennsylvania	Ryan M. Hay, RN
Southeast	(AVAILABLE)
West	(AVAILABLE)

Welcome to Boston - Enjoy Your Stay!



GREATER BOSTON
CONVENTION & VISITORS BUREAU

Founded September 7, 1630, Boston is the capital and largest city in the Commonwealth of Massachusetts. With an area just under 90 square miles, Boston is home to approximately 636,500 people. The City of Boston hosts over 12 million annual visitors from across the country and around the globe. This vibrant, thriving city is renowned for its cultural facilities, world-class educational institutions, champion sports franchises, as well as its place at the very forefront of American history.

While many cities are defined by their skylines (The John Hancock Tower, designed by famed architect I.M. Pei, soared skyward in 1975 as Boston's tallest building), Boston is distinguished by its vibrant neighborhoods. Once considered ultra-conservative, Boston has developed a progressive culture and attitude. It has become one of the most exciting places in New England, with excellent culinary hotspots and an abundance of attractions and sights. Historical buildings and parks are national landmarks, and the city boasts the birthplaces of many famous patriots. The city's architectural treasures include brownstones and cobblestone streets, and gas-lamps light the way in many neighborhoods, each with its unique characteristics and reasons to be explored. Boston is also home to the nation's first public park (The Boston Commons 1640), the first public library (1653) and the first subway (1897).

South End is home to the city's gay-friendly community and is filled with art galleries and excellent bistros. The *North End* offers a dizzying array of authentic Italian eateries and is home to several summertime Italian festivals.

Newbury Street is a swanky, upscale stretch filled with shops, restaurants and cafes. At the end of Newbury, you can people-watch in the Public Garden and "make way for ducklings" on the Swan Boats. Newbury Street runs through the heart of the *Back Bay*, where you will find opulent brownstones. Stroll down the grassy mall on Commonwealth Avenue between Massachusetts Avenue and the Public Garden to get a feel for the way Bostonians lived in the 18th Century. Bordering Back Bay is the Charles River. Near the Boston Harbor Waterfront is *Faneuil Hall Marketplace*, which is an important stop along the *Freedom Trail*. It is a great place for souvenir shopping and photo opportunities.

Cambridge is a city unto itself, located opposite Boston along the Charles River. It is best known as the home to Harvard University and Massachusetts Institute of Technology. The city is more colorful, liberal and funky than staid Boston. Central Square in Cambridge is a lively area with cheap ethnic cuisine and perhaps the highest concentration of music clubs and bars in the greater Boston area. Harvard Square is the area just outside of famed Harvard Yard.

Celebrating the NCEMSF Conference Tradition NCEMSF Conference Locations

1994 - Washington, DC	2006 - Boston, MA
1995 - Philadelphia, PA	2007 - Baltimore, MD
1996 - Albany, NY	2008 - Philadelphia, PA
1997 - Huntington, WV	2009 - Washington, DC
1998 - Hartford, CT	2010 - Baltimore, MD
1999 - Syracuse, NY	2011 - Philadelphia, PA
2000 - Newark, DE	2012 - Baltimore, MD
2001 - Rochester, NY	2013 - Washington, DC
2002 - Long Island, NY	2014 - Boston, MA
2003 - Washington, DC	2015 - Baltimore, MD - February 27-March 1
2004 - Baltimore, MD	2016 - To Be Determined - February 26-28
2005 - Philadelphia, PA	2017 - To Be Determined - February 24-26

Conference Schedule - Friday, February 28, 2014

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

Fourth Floor 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 require it. Alumni, presenters and exhibitors should identify themselves to receive appropriate ribbons for their badges.

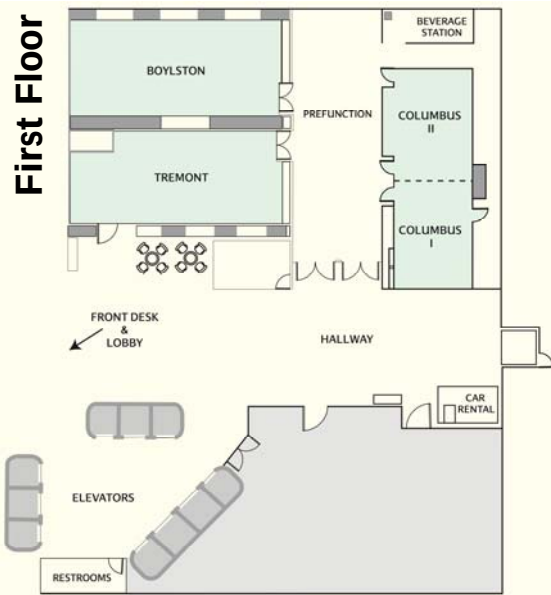
5:00 pm - 10:00 pm *Physio-Control EMS Skills Classic*

Third Floor

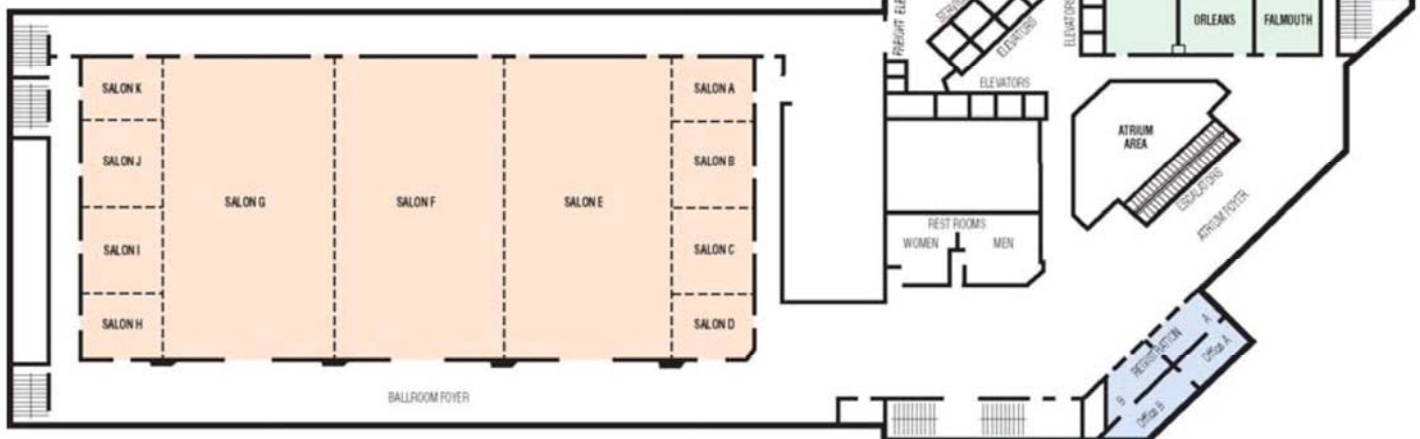
Pre-registered teams should check-in and pay at the skills information table (located on the fourth floor) to receive their team number, copy of the rules, and approximate start time - team numbers and start times are assigned based upon check-in time (non-registered teams may inquire about space availability at the skills competition table). Each team member must check-in and sign the liability release form. 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 event Saturday evening. The winner of the ALS match will represent collegiate EMS at the *JEMS Games* next year at *EMS Today*.

Marriott Copley Place Floor Plan



Fourth Floor



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

Sponsors

Physio Control, Inc.

David Schwartzman
11811 Willows Rd Redmond, WA 98073
(800) 442-1142
david.schwartzman@physio-control.com
www.physiocontrol.com

Wilderness Medicine Institute of The National Outdoor Leadership School (NOLS)

The Leader in Wilderness Medicine
Leslie van Barselaar
Marketing Coordinator
284 Lincoln St. Lander, WY 82520
(866)-831-9001
lvb@nols.edu
www.nols.edu/wmi/

Exhibitors

Code 1 Training Solutions, LLC

Richard Shok
rich@code1web.com
www.code1web.com

Zoll Medical Corporation

Peter Mastromatteo
pmastromatteo@zoll.com
www.zoll.com

Gifts in Kind

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BOSTON Med Flight
Your Life. Our Mission.

NAEMT
Serving our nation's EMS practitioners.

mobilebeacon
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Professional Associations

International Police Mountain Bike Association

Maureen Becker, Executive Director
info@ipmba.org
www.ipmba.org

Sudden Cardiac Arrest Association

Robert Schriever, VP of Programs
info@suddencardiacarrest.org
www.suddencardiacarrest.org

Web Hosting

**Kodiak
Systems**

Microsoft



Partners

EMS World

www.emsworld.com
EMS World Magazine is available to NCEMSF Personal Members free of charge for one year.



The NCEMSF Store

Emergency Training Associates

www.ncemf.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.

Recruiters

Gwinnett County Fire and Emergency Services

Jere Jordan - Division Director
jeer.jordan@gwinnettcountry.com
www.gwinnettcountry.com



Health Education Programs

American University of the Caribbean School of Medicine

Jennifer Stovall
Associate Director of Admissions
jstovall@aucmed.edu
www.aucmed.edu



Creighton University EMS Education

Michael G. Miller
Paramedic Program Director
eviemadvig@creighton.edu
http://ems.creighton.edu



Hofstra University

Michelle Junger - Assistant Dean
michelle.junger@hofstra.edu
www.hofstra.edu/graduate



Massachusetts College of Pharmacy and Health Sciences

www.mcphs.edu



Philadelphia College of Osteopathic Medicine

Kevin A. Zajac
Assistant Director of Admissions
kevinzaj@pcom.edu
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Ross University

John Nwafor
Associate Director of Admissions
johndeanenwafor@rossu.edu
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Conference Schedule - Friday, February 28, 2014

6:00 pm - 6:50 pm

How to Make the Most of the Conference Experience

Salon C/D

Daniel McConnell, NCEMSF Assistant Startup Coordinator and

Stephen J. Lanieri, NCEMSF National Coordinator

What makes the NCEMSF Conference different from other conferences? While others teach basic EMS skills, NCEMSF provides participants with key tools for leading a successful collegiate EMS organization. This session is designed to help you make the most of your weekend. 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.

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

♦ *Massive Transfusion in Trauma*

Salon A/B

Jonathan Gates, MD, MBA

The resuscitation of the badly injured/bleeding trauma patient has undergone re-evaluation and improvement changing our practice both in the field and at the bedside. Resuscitation of these patients must begin at time of injury and continue through to the end of the operation. This session will recognize the need for massive transfusion, explore how it is delivered and evaluate whether it works.

📺 *The ABC's of EMS: A Visual Stimulation Lecture*

Salon H/I

Joshua Moskovitz, MD, MPH, MBA, FACEP

Don't come after you have just eaten...this collection of visual stimulation will include various medical and traumatic ailments with a discussion of the pathophysiology, treatment, and outcome probabilities.

📺 *Why'd the Medic Do That?*

Salon J/K

Jonathan Blatman, NR-P

Ever been on a call, and had a paramedic or senior EMT tell you to do something that sounded crazy like not giving a patient high-flow oxygen, not putting a trauma patient on a backboard, cancelling the helicopter and going to a trauma center by ground? EMS is in the midst of massive changes. Recent trends in evidence-based medicine are leading to the destruction of long-standing EMS dogma. Many things previously considered mandatory elements of patient care are being shown to lead to poor patient outcomes. Topics to be covered include: Scene Safety, Use of Lights and Sirens, Spinal Immobilization, and Oxygen Therapy.

Roundtable and Panel Discussions

This session will serve as the first of many small roundtable and panel 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 core 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. Panels are open to a wider audience and provide an opportunity to directly ask questions of your peers and colleagues - either by stepping up to the microphone or texting your questions/comments through our electronic audience response system. Share your successes and failures and learn from one another. Continue conversations throughout the conference weekend and the year on NCEMSF's Web site and online discussion forum.

Roundtable: Startup

Salon C/D

Daniel McConnell, NCEMSF Assistant Startup Coordinator and

Stephen J. Lanieri, NCEMSF National 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.

Conference Schedule - Friday, February 28, 2014

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

❖ Boston Marathon: A View from the Medical Tent

Salon A/B

Adam Darnobid, MD

The Boston Marathon presents a unique medical environment due to its very nature. With years of preparation for each race the role of EMS has become well defined. With the attack on the marathon there was an acute change, a shift in roles and tasks with no notice. Prehospital providers were needed to not only triage patients but also provide immediate care. There was a dramatic shift in the care that was needed instantaneously. The perspective of EMS physician Adam Darnobid highlights many of these challenges. The view from the medical tent with a focus on EMS and lessons to translate to everyday practice will be provided.

📷 Lessons Learned Through the Lens: The EMS Photo Documentary Project

Salon H/I

Daniel Limmer, EMT-P

During the past 24 months I have been working on a photo documentary of EMS which will be published as a book. Throughout the country EMS agencies, providers and patients have allowed me to document their stories in a collection of images. These images document clinical triumph and tragedy, compassion and comedy. In this photo-driven presentation, I share this experience with you providing both interpersonal and clinical insights that will both sharpen your skills and remind you of the EMS we passionately strive to provide.

🍳 A Recipe for Success: Avoiding “Cookbook” EMS

Salon J/K

Keith Taylor, EMT-P

When we treat our patients there is a tendency to follow “cookbook” medicine without knowing why we are doing so. We are expected to know how and why our interventions effect our patients. All too often we can get caught up in the idea that “it’s in the protocol”. With the National EMS Scope of Practice model, we are expected to know more and do more for our patients. With that comes increased responsibility and added expectation that we treat our patients based on thorough assessment and knowledge of anatomy and physiology, pharmacology and pathophysiology. In this session, we will discuss how we must think critically to complete a thorough assessment so that we treat appropriately. With the increased scope of practice comes an increased expectation, not only from fellow medical providers, but from our patients and their families. We must utilize our knowledge of our scope of practice, as they were intended, not as a “recipe” for care.

Chiefs and Presidents Leadership Panel

Salon C/D

George J Koenig, Jr, DO, NCEMSF President, Moderator

This panel discussion designed for squad chiefs and presidents will be devoted to addressing campus leadership issues and sharing problem solving strategies. Several campus based EMS chiefs and presidents from a variety of different types of agencies have been selected to sit on the panel to help drive the discussion, which will hopefully continue throughout the weekend.

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

Salon G

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, have your picture taken with new friends and sing and dance to the tunes. Exchange your squad’s patches, pins and shirts with those you meet. Watch as photos from past years flash on the screen. As has become NCEMSF tradition, show your squad’s pride by making a banner to be presented by your squad at the *Meet & Greet* Saturday morning.

Physio-Control CPR Challenge

Salon G

Starting at 9:00 pm–10:30 pm test your strength, endurance, and precision using Physio-Control’s TrueCPR Coaching Device against the Physio-Control Lucas2 in a quest to outperform the machine. Contestants will perform two minutes of CPR as per the AHA Guidelines. Prizes will be awarded Saturday evening to the top performers.

Conference Schedule - Friday, February 28, 2014

11:00 pm - 12:00 am *EMS as a Spectator Sport*

Salon G

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 Master of Ceremonies, Dr. Ben Lawner, as he both narrates the scene and educates about MCI response and debriefs this chaotic call. Show support for your colleagues as they rise to meet this challenge. This event is sure to be entertaining as well as enlightening 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;
- ❖ emergency management/event planning; 🌀 potpourri

All lectures at the NCMSF 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.

Most session abstracts also have associated learning objectives available in the online electronic version of this program. Visit www.ncmsf.org/conf2014 to view the electronic program or to download a PDF of this printed program to your smartphone or tablet.

Sessions are open to all, however, seating in all rooms is limited intentionally to 75-100 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, March 1, 2014

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

7:15 am - 8:30 am *Continental Breakfast* *Fourth Floor Foyer*

7:45 am - 8:20 am *Group Introductions / Meet & Greet* *Salon E/F*

Bring the banner you created on Friday night and show your organizational spirit. Each collegiate EMS organization will have an opportunity to briefly introduce itself (school, location, number of members, level of service, how many delegates at the conference, and one unique thing about the group). Sit by NCEMS Region so you have a chance to further mingle and meet your fellow collegiate EMS providers. Anniversary awards will also be presented at this time.

Roundtable: Administrator/Advisor/Medical Director *Orleans*

*Michael S. Wiederhold, MD, MPH, NCEMS Treasurer, and
Mark E. Milliron, MS, MPA, Moderators*

In this first of two roundtables dedicated to campus administrators, EMS advisors and medical directors present, NCEMS Leadership will begin discussing concerns of university officials and address issues that they may be facing on their campuses. This first session is designed as an introductory mixer; grab your coffee and meet your fellow university administrators, advisors and medical directors in attendance.

8:20 am - 9:15 am *Hot Topics in Campus EMS* *Salon E/F*

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

An interactive panel discussion and question and answer session with campus EMS gurus focusing on common problems in campus based delivery. Using an audience response system, you will be able to participate and ask the panelists questions. Topics that will be covered are risk mitigation, alcohol amnesty, scope of practice, interagency communication and collaboration.

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

 **Deadly Mistakes in the Altered Mental Status Patient** *Salon A/B*

Joshua Moskovitz, MD, MPH, MBA, FACEP

This session includes a review of the causes of altered mental status and the importance of EMS intervention, with 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.

 **North American Bites and Stings** *Salon C/D*

Gates Richards, MEd, WEMT-I, FAWM

This presentation will explore the world of North American critters with sharp moving parts. We will discuss the prevalence of various incidents and appropriate treatment plans. We will address and dispel many of the myths surrounding these events, and we will establish sound preventative practices.

 **Rule # 1, Cardio: Surviving Life's Rare Cardiac Diseases** *Salon H/I*

Rory Putnam, AA, NREMT-P

Like the guys on the movie 'Zombieland' said, it's all about Rule # 1, Cardio! But we won't make you run away from Zombies here! In this fun class we'll explore some of the rare cardiac diseases that can cause issues with our patients and can show on an EKG. We'll delve into disorders caused by congenital defects as well as sports-induced problems and difficult to diagnose MI's. Treatment and diagnostic tools like 15 and 18 lead EKGs will be taught. Come learn why even Zombie fighters need to know Cardio!

 **Active Shooters:** *Salon J/K*

Understanding the Threat and Planning Responses

David Adler, NREMT-P

Institutions of higher learning continue to be popular targets for active shooters. EMS must learn to function in partnership with the police in order to achieve a successful resolution to these highly stressful and

Conference Schedule - Saturday, March 1, 2014

challenging incidents. Learn how to build relationships with your local police and see how active shooter events change the medical triage/treatment paradigm as a SWAT paramedic debriefs several incidents and the threat from these individuals is analyzed.

✿Building a Professional Organization

Provincetown

Nicholas Piscitello, BSBA, M.Ed., EMT-B

Do you want to build a stronger team? Do you want to develop a department that is respected by the administration, and outside agencies? Do you struggle with funding? We can help build a stronger team by providing basic principles that have been used to improve EMS an organization's image on campus, build stronger teams, and solidify funding. Building a strong team, that is respected by others takes work, and takes strategy. This will give you the foundation needed to build a stronger organization that will live on, after you graduate. Start building your legacy now!

✿It Ain't A New Bus: What Really Drives You and Your Crew to Personal and Professional Success

Suffolk

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

Would you like to have more success in your life? Does your crew have room to grow? Wouldn't it be nice if you and those around you were energized and motivated while living a life of harmony? Join Eric for this discussion on how to set and reach new levels of success for you and your crew.

❖Silence Kills: See Something, Say Something!

Wellesley

Sean McMullen, CEP

Anyone who has ever worked in health care has surely experienced the infamous totem pole; medicine is an inherently hierarchal society, and everyone knows his or her place (or soon learns it!). However, humans are flawed beings, and our culture is finally accepting that medical practitioners are not infallible providers. In many instances, a team member may see a patient safety issue, but doesn't bring it up because they are uncomfortable questioning someone who is "higher up on the food chain." Many years ago, the aviation industry implemented a policy of checklists and team communication to help reduce the number of airline accidents. Recently, members of the health care community have attempted to implement similar practices in which every member of the patient care team has equal say in matters of patient safety. How can we ensure that these policies are put in to place in our own workplace? How can we learn from past lessons to ensure that every subsequent patient is safer than the last? And most importantly, how can I speak up if I see something that maybe no one else does? This discussion will use data analysis and case studies to attempt to answer all of these questions.

✿Big Ethics: How to Make Hard Decisions at the System Level

Simmons

Peter Dworsky, MPH, EMT-P

We are all familiar with the prototypical ethics issues discussed in EMS training: deciding to honor an advanced directive, whether to transport patients who are refusing care, or what to do when a physician's order contradicts medical protocol. This presentation addresses ethical dilemmas posed to leaders regarding decisions they make, not for individual patients, but for their agencies as a whole. For example: when to shut down response in the face of dangerous weather conditions, how to stock ambulances when medication supplies are short, or balancing employee health and the needs of the public for EMS response.

❖CHAOS: The First 5 Minutes of a MCI Response

Boylston

H. Bucky Buchanan

You have 5 minutes. Yes, 5 minutes to set the tone for how you will respond to a Mass Casualty Event. If those first precious few minutes are not correctly managed, it can set the tone for failure. Done correctly, even a novice first responder with a little bit of knowledge can become a shining star when coming into an often chaotic, panic-filled and emotionally demanding scene. Know how you as a campus responder can become a seamless part of the big picture response to any incident on your grounds, and in the surrounding community.

Conference Schedule - Saturday, March 1, 2014

♦ Selective Spinal Immobilization

Tremont

David Schoenfeld, MD, MPH

Spinal immobilization is not a benign procedure, and significant strides have been made toward reducing unnecessarily immobilizing patients. This session will focus on Selective Spinal Immobilization, understanding why it is important to reduce unnecessary immobilization, review current widely used protocols and the evidence on which these protocols are based.

❖ EMS on Bikes: Starting a Bike Response Team

Columbus

Cory LaFontaine and Michael Salvatore, NREMT-P, IPMBA

Attendees will learn the history behind Public Safety Cycling as it pertains specifically to EMS and the important role that IPMBA has played in creating a comprehensive training program, promoting Public Safety Cycling and advancing purpose built equipment for the emergency services. Attendees will learn about the benefits of establishing an EMS cycling response team, the training required and what is needed to be an efficient and effective cycling team that will improve patients outcomes.

Skills Lab: Childbirth Concepts and Scenarios

Yarmouth

Carly Levy, MPH, Grace Thole, and Samantha Sawan

Emergency Childbirth is an often-unpracticed, but vital skill for EMTs. During this course, attendees will review basic concepts of emergency childbirth, and practice assessing and managing a patient through emergency childbirth during active, hands-on scenarios. Participants will work in small groups with instructors and childbirth manikins to conduct full assessments, guide the mother through childbirth, and assess and manage both the mother and the newborn during and post-delivery.

**** This is the first of the Skills Labs scheduled for the conference weekend. This and all Skills Workshops are LIMITED TO THE FIRST 25 PARTICIPANTS. Sign up sheets for all Skills Workshops will be available at the registration desk Saturday morning at 7AM.**

Roundtable: Emergency Management & Disaster Preparedness

Regis

Eric Pohl, NREMT-P, NCEMSF Emergency Management Coordinator and

Ryan M. Hay, RN, NCEMSF Pennsylvania Regional Coordinator

During this roundtable, Eric will moderate a discussion about campus preparedness focusing on the basic principles and phases of emergency management, the critical role for collegiate EMS, and how to get involved in the whole process, including information about NCEMSF's program in development: EMS Ready Campus.

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

🚑 "They're Just Drunk"

Salon A/B

Adam Darnobid, MD

Intoxicated patients are a specific challenge to emergency care providers everywhere. With a growing list of possible intoxicants and strong potential for missing a life-threatening event, the complacency that can be introduced into the care of these patients is a great concern. Vigilance is critical and an approach to these patients needs to begin with an understanding of the clinical circumstances surrounding these patients.

🚑 The ABCs of Anaphylaxis

Salon C/D

Ronald Roth, MD

Anaphylaxis is a life threatening emergency that must be recognized and treated early. Interventions by prehospital care providers can prevent serious morbidity and mortality in previously healthy individuals. The lecturer will provide an ABCs approach to treatment of anaphylaxis.

🚑 Iron Man: Left Ventricular Assist Devices and Heart Failure

Salon H/I

Ray Bennett, RN, BSN, CFRN, CTRN, NREMT-P

This session teaches the physiology of heart failure and reviews current treatment trends and therapies. It will review the history of LVAD and devices approved by the FDA for implant and other devices being developed. This presentation will also discuss the role of the EMS provider in the care of the LVAD patient.

Conference Schedule - Saturday, March 1, 2014

◆Maxillo-Facial Injuries: When Immobilization May Kill

Salon J/K

Mark Forgues, MED, EMT-P

Severe Maxillo-Facial injuries can be life threatening and debilitating. Although motor vehicle crashes are the most common cause of these injuries, bicycle accidents and blunt trauma are rapidly eclipsing MVCs. Sports injuries are very common and men are twice as likely as women to sustain these injuries. A surprising number of these injuries incurred by women are due to abuse. Ascertaining the consistency of the story to the injury is critical: does the story add - up?

✿Customer Service Skills for Collegiate EMS Organizations

Provincetown

Joseph Lizza, MAEd, EMT-B

We all know how important continuing education is for emergency personnel to keep their skills fresh while at the same time being up-to-date with emerging trends. However, one area that is often overlooked is customer service; a potential reason it may be overlooked is that we like to see the people we assist as patients and not customers. While in the past this would hold true, the local and collegiate agencies are now not the only providers in town; with today's tight budgets and growing number of private, county, and regional agencies, a patient's level of satisfaction as well as a community's perception of an organization plays a significant role in its success or failure. This presentation will provide the skills necessary to improve your organization, your own customer service ability, as well as offer aids needed to improve the public perception and public support for your organization.

✿Human Errors in Decision Making: Errors of Perception

Suffolk

Gates Richards, MED, WEMT-I, FAWM

In this session, we will explore the neurobiological factors of perception that contribute to human errors in decision-making. Using video, activities and magic, we will experience and discuss errors of attention, errors of pattern recognition, and priming errors. Though we cannot eliminate these hazards from our decision-making process, we can recognize their effects, account for their presence and minimize the chances of significant fallout from the traps they set. By increasing our awareness of how the brain processes information, we can take steps toward being more deliberate in our decision-making awareness, and perhaps make better decisions consistently.

❖Striking a Fatal Blow:

Wellesley

Suspicious Substances, White Powders & Terrorism

Eric Pohl, NREMT-P, NCEMSF Emergency Management Coordinator

"White Powders" arriving in the mail used to simply be a clandestine method of drug delivery, but after the 2001 Anthrax attacks, a white powder arriving with an explicit threat letter is an act of terrorism and a serious federal crime. Unfortunately, these incidents are too common and a drain on emergency response resources, including law enforcement and hazmat teams. This lecture will familiarize participants with a typical response under the scheme in New York City. We will discuss the resources required, the entry into the hot zone, and a field threat analysis. An overview of bio-threat agents will be given, as well as EMS response to suspicious substance incidents.

✿Medico-Legal Issues Facing the EMS Provider

Simmons

Abigail R. Williams, RN, JD, MPH

In today's medico-legal climate it is often more appropriate to ask "when will I be sued?" rather than, "will I be sued?" This lecture will address common sources of EMS litigation and offer ways to reduce your risk and limit your exposure as well as provide tips for what to do when named in a suit. The lecturer will review important medico-legal concepts frequently misunderstood and misinterpreted by field providers including negligence and its four central elements: duty, breach of the standard of care, proximate cause and harm.

☉Growth of a Regional Critical Care Transport System

Boylston

Andrew Farkas

Attendees will learn about the roots of a one helicopter EMS program and its growth into a regional critical care transport system. Boston Medflight has become an integral part of the regional healthcare infrastructure by building collaboration, partnerships and cooperation with local prehospital providers, hospitals and regulatory agencies.

Conference Schedule - Saturday, March 1, 2014

◆ Penetrating Abdominal Trauma

Tremont

Frank Sabatino, MD

Penetrating abdominal trauma is a significant cause of morbidity and mortality. First responders need to be aware of the proper treatment modalities of patients that sustain such trauma. After initially describing the epidemiology and statistics of penetrating trauma this lecture will review basic ballistics and wound description. Using a case based format scenarios of proper diagnosis and management of penetrating abdominal trauma will be described.

✿ Emotional Intelligence in Emergency Medical Services

Columbus

Ari Winograd

According to psychologists John D. Mayer and Peter Salovey, two of the leading researchers on the topic, emotional intelligence (EI) is "the ability to monitor one's own and others' feelings and emotions, to discriminate among them and to use this information to guide one's thinking and actions." Learning how to utilize and validate one's own emotions is essential in management and in EMS as a whole. Examining the works of authors such as David R. Caruso, Peter Salovey, Ken Blanchard and Steve Gottry, we will explore what it means to understand emotion in the work place and the tools to accomplish leadership success at all levels of EMS.

Roundtable: Research Design & Execution in EMS

Vineyard

*Michael T. Hilton, MD, NCEMSF Director-at-Large, and
Joseph Grover, MD, NCEMSF Midwest Regional Coordinator*

This roundtable discussion will focus on the major steps of performing a successful research project from start to finish. We will use participants ideas to cover the generation of a research question, study design, the role of the institutional review board, and submission for abstract presentation. Project completion can open up significant opportunities for travel, building professional relationships, and networking. Please bring your research ideas and questions.

Roundtable: Technology

Regis

*Scott C. Savett, PhD, NCEMSF Vice President and Chief Technology Officer, and
Ian Feldman, NCEMSF Central Regional Coordinator*

This roundtable discussion will be devoted to discussing the role of technology in running a campus EMS organization from ePCRs to social media to overall online presence. What are groups using? How are they implementing it? Who is managing it? What challenges are you facing?

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

Richard W. Vomacka Student Speaker Competition

The Richard W. Vomacka Student Speaker Competition is named for an NCEMSF mentor who died in October 2001. This symposium is a chance for students to become involved in lecturing and for students to learn formally from one another. Presenters were selected to speak based on the strength of their submitted abstracts and the overall applicability of their proposed topics. The competition is judged on a speaker's ability to deliver a relevant high-quality seminar to his/her peers.

Assessing Gynecological Emergencies

Salon A/B

Grace Thole, Boston University

You arrive on scene to a female patient complaining of lower abdominal pain. As EMTs we are trained to initially consider a possible pregnancy. How can we not? We spent hours in class learning about alarming obstetric emergencies, practiced delivering fake babies, and were drilled to question every female patient with abdominal pain when her last menstrual period was. However, when your college-age patient tells you that she does not think she is pregnant, what else could be going on? Although unplanned pregnancies and sexually transmitted infections are on the decline in the United States, there are still more than 18 million new infections each year, about half of which are among young adults ages 15-24. In this presentation, we will discuss different gynecological concerns and emergencies. Our focus will be on signs and symptoms, as well as etiology, of various gynecological and obstetric conditions, such as PID, ectopic pregnancy, and ovarian cysts, to name a few. We will review basic female sexual anatomy and important information to gather during a call.

Conference Schedule - Saturday, March 1, 2014

Mapping EMS Systems: Using GIS to Improve Your Service

Salon C/D

Ariel Low, Dartmouth College

They say a picture is worth a thousand words. Geographic Information Systems (GIS) software offers exciting new opportunities for visually displaying the efficiency (or inefficiency) of EMS systems, in order to manage and improve them. Have you ever wondered what the perfect location for a new base would be, or wanted to get a better understanding of how your calls are distributed throughout your territory? Using spatial analysis, you can generate maps of the service area an EMS squad can cover within a given response time. Combined with visualization of the spatial distribution of calls, you can find the perfect location for a new base or see how that late night food run affects response times. Mapping call distribution can also help you understand how calls are distributed on different days or during different months. A unique, and extremely useful feature of geographic information is that it has both spatial and attribute data, which allows the maps to be supported with information such as the percent of territory or population it is possible to cover in a given response time. This presentation will provide an introduction to GIS and how it can be applied to EMS.

Collegiate EMS Prevention of and Response to Suicide

Salon H/I

Chelsea Katz and Hillary Li, Emory University

Suicide is a leading cause of death in America, especially among college students. It is a topic that is often overlooked because of the sensitive nature of the issue and the mental health stigma associated with it. Emergency medical providers, specifically those on college campuses, are not adequately prepared to respond to patients who are suicidal, have attempted or completed suicide, or who have self-harmed. In this presentation we will introduce pertinent terminology, definitions, and statistics of the topic. We will then discuss how to assist patients before, during, and after a call related to suicide. Finally, we will talk about how to recognize risk factors in peers and coworkers. Based on the fact that medical providers have an increased risk of suicide, we will present warning signs and ways to respond to suicidal individuals on a more personal level.

Death By Oxygen: The Oxygen Paradox

Salon J/K

John-Paul "JP" Couce and Eliza Nguyen, Harvard University

Chest pain, altered mentation, hemorrhage...in our basic class, we are drilled to provide these patients with high-flow, high-concentration oxygen. While it is undeniable that we all need oxygen to survive, EMS protocols have historically ignored oxygen's nature as a double-edged sword. Recent data has demonstrated that oxygen is systematically being inappropriately administered to patients - especially within the realm of EMS. During this talk, we will review the pathophysiology of aerobic respiration, explain just what that SpO2 reading is, and demonstrate why 100% isn't an A+. Before you throw on your next non-rebreather mask, let's rethink oxygen therapy for cardiac and cerebral reperfusion.

Medical Amnesty: Creating a Change That Could Save a Life

Suffolk

Jimmy Johnston, SUNY Oneonta

"Don't call the emergency squad, they'll just get you in trouble." Sound familiar? Well, it's something that Oneonta State EMS heard far too often from students who had been put on probation after an alcohol or drug-related EMS call. Luckily, a number of colleges across the nation have instituted medical amnesty policies, which reduce judicial consequences for students involved in these emergencies to encourage them to seek help. This presentation will give a detailed background on medical amnesty programs, the different types of policies out there, and the scenarios for which they provide protection. Jimmy, who brings a unique perspective from serving as both EMS Captain and Student Association President at Oneonta, will explain how he negotiated with his college administration to implement a medical amnesty policy. This presentation will show you how to use your power as a student leader in order to create a positive change for your campus. Additionally, the talk will examine the long-term effects of medical amnesty policies and the implications for campus emergency squads.

Responding to Traffic Collisions

Wellesley

Rembrandt VanDruff, University of California - Los Angeles (UCLA)

The scene of a traffic collision is much more interesting and much more dangerous than the scene of a chest pain assessment in a living room. In Los Angeles, UCLA EMS responds to traffic collisions in a

Conference Schedule - Saturday, March 1, 2014

jurisdiction with three of the ten busiest intersections in Southern California. This presentation will cover response, safety, scene size-up, mechanisms of injury, logistics, interagency interaction, treatment and transport for collegiate EMS systems at a traffic collision.

The Healing Voice

Simmons

Angela Perfetti, University of Pennsylvania

Since the sixties, studies have provided swaths of evidence that a large proportion of communication is nonverbal. The field of nursing has developed this information into a purposeful and patient-centered communication technique. The goal of this initiative, now being taught in nursing schools across the United States, is to facilitate patient disclosure and positive changes to health, and to enable patients to make informed decisions in the course of care. How can EMTs use this information to increase the quality of patient care and assessment? As first responders, EMTs must be able to communicate precisely and effectively with patients to address urgent medical and emotional needs. This presentation provides an overview of the technique of therapeutic communication and focused body language.

This is How We Do It: Examples of Campus EMS Practice

New this year, these two sessions are combinations of several quick-shot talks on relevant campus EMS topics describing how various specific issues are handled on a variety of campuses. Active student volunteers will explain how their squad handles the issue in these moderated talks. Each session will include two or three mini-presentations, introduced by an NCEMSF staff member, with time for questions and sharing of additional methods at the end.

Squad Administration: Membership, Turnover and PR

Boylston

Collegiate EMS Membership Enigma - *Edward Comeau, Virginia Tech*

Working Together in the Face of the Turnover - *Hannah James, Cornell University*

The Importance of Public Relations - *Mary Kate Shanahan, University of New England*

Special Event EMS

Tremont

Bringing the Hospital to Us - *Kyle Lewis, Villanova University*

Planning for Success - *Jackson Langevoort, Penn State*

Regional Roundtable Discussions

Salon E/F

NCEMSF National and Regional Coordinators

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. Meet in Salon E/F and then spread out.

12:30 pm - 1:30 pm Lunch

With an hour for lunch, we recommend one of the eating establishments in the food court in the Shops at Prudential Center (across the street) There are plenty of options to fit any appetite and budget. See a listing of options on pg 35.

On your way to, or back from, lunch, take some time to check out the **Boston EMS MCI Trailer** and the **MIT Safe Ambulance** on site in front of the hotel.

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

Pills That Kill

Salon A/B

Michael Guttenberg, DO, FACEP, FACOEP

This lecture will review the can't miss overdoses and ingestions that are common today. Particular attention will be focused on recognition of the poisoned patient, recognition of toxidromes, as well as the prehospital and hospital management of the poisoned patient. Common and not so common ingestions and poisonings found on today's college campus will receive extra attention.

Conference Schedule - Saturday, March 1, 2014

Surviving Sepsis Campaign and Its Possible Impact on EMS

Salon C/D

Joseph Grover, MD, NCEMSF Midwest Regional Coordinator

Sepsis has rapidly become one of the hottest topics in Emergency Medicine. Similar to STEMI, stroke, and trauma, rapid recognition and treatment of sepsis has been shown to significantly reduce morbidity and mortality. The purpose of this lecture is to explain the concept of sepsis, provide a system for recognizing sepsis, and a description of its treatment. A brief description of common sepsis mimics will be provided. The Surviving Sepsis Campaign will be used to outline primary treatment algorithms. The role of EMS in sepsis management will be explored, including a description of some areas of prehospital sepsis research.

No BS in Cardiac Arrest:

Salon H/I

Why BLS Providers Own Cardiac Arrest Resuscitation

Benjamin Lawner, DO, MS, EMT-P, FACEP

Though cardiac arrest management is traditionally divided into “basic” and “advanced” components, there is no denying the central role of a basic life support provider during a resuscitation. Interventions associated with neurologic recovery and improved survival are familiar to EMTs at all levels of skill. Review the latest literature on out of hospital cardiac arrest and discuss how the basic emergency medical technician can lead a code team.

♣ Trauma Care: 200 mph to Impact!

Salon J/K

James Kish, RN, BSN, CEN, CFRN

Pocono raceway becomes the third largest city in Pennsylvania surrounding the NASCAR events twice each summer and holds several other events during the year. The medical staff of the raceway needs to operate with the efficiency of a NASCAR pit crew to tackle any task. These resources also need to be flexible enough to treat both the NASCAR teams and the droves of attendees. This lecture will explain the operations at the track, describe the special considerations for the healthcare team, and parallel the considerations of collegiate EMS organizations at large scale events. Important topics in event medicine and several case studies will be included.

Now I Lay Me Down to Sleep – Case Studies in Suicide

Provincetown

Daniel Limmer, EMT-P

Calls involving suicide or attempted suicide are challenging calls for any level of EMS provider. While the medical care of the patient is usually clear cut, the psychiatric emergency care is less concrete, leaving EMS providers feeling unsure of the right thing to do. This presentation uses actual case studies to examine the physical and psychological aspects of suicide and attempted suicide. Risk factors, suicide plans, repeat suicide attempts, and the treatment for suicidal patients will be discussed. At the completion of this program the participant will have a greater understanding of the mindset of the suicidal patient which will ultimately lead to improved patient care.

⊗ Creating a Culture of Safety in EMS

Suffolk

Tim Lanese, RPh, MBA, EMT-P, EMSI, FASHP

Over the past 10 years there has been a large increase in focus on patient safety in hospitals. The facts showed that lapses in safe practices resulted in tens of thousands of preventable deaths per year. More recently, this focus has shifted to creating a culture of safety with an emphasis on the way various healthcare providers behave and interact with each other. This lecture will discuss current practices that increase the chance of error, teach everyday behavior that can lead to a culture of safety and explain the difference between culture and policy.

❖ Responding to Acts of Terror

Wellesley

James Kutz

This lecture will discuss the post 9/11 world we live in and the steps responders need to take to remain vigilant while responding to incidents in their hometown. Responders need to keep their head on a swivel and look out for the small scale incidents as well as the large scale one. The lecture will also discuss planning for large scale events at soft target locations, such as sporting events or concerts. Also covered will be response to IED events and blast injury.

Conference Schedule - Saturday, March 1, 2014

✳️Gamification and EMS Education

Simmons

Will McGill, PhD, NRP, CCEMT-P

"Gaming is the future's language." This 1970's quote by gaming scholar Richard Duke predicted a future where games would be widely used to communicate ideas among society. Now that we are in the 21st century, games are more pervasive than ever. These days, game mechanics are leveraged not just for communication, but also for incentivizing participation in activities of all sorts. This session explores how principles of gamification can be used to augment traditional EMS training and education. Attendees will be provided with an overview of the art and science of gamification in terms of what it is and how it can be applied to make EMS education more effective and enjoyable. A variety of games – some proposed, some existing – will be described in terms of what they are and how they work. Challenges to the acceptance of games for EMS education will also be discussed. Attendees will leave with an appreciation for what goes into making a game and how games might make their educational experiences more entertaining.

☯️Looking Down the Road

Boylston

Scott Kier, NREMT-P

Have you ever thought about what is next for you after college? How do you feel about EMS? Do you want to make it a career? Do you want to use EMS to get to your career? Where ever you see yourself going, this is the class for you. Learn about the opportunities that are out there for you in the world of EMS, and the challenges you will face as you prepare yourself for a career after college.

✳️Community Paramedicine

Tremont

Shaun St. Germain, NREMT-P

Is Community Paramedicine the future of EMS? This session will discuss the concept of community paramedicine and some of the ways it could be implemented on your college campus. Providers of all levels are welcome. Come learn how you can make a difference in your community.

☯️University Based EMS Initiative in Pakistan

Columbus

Maimoona Khan, MD

In Pakistan, because of the lack of institutionalized Emergency Medical Services, the responsibility of prehospital emergency medical care and transportation falls largely on the people themselves. Realizing the need for structure in this regard, the Lahore University of Management Sciences (LUMS) started the LUMS EMS (LEMS) training program with the aim to provide 24 hour medical services by Medical First Responders (MFRs) for emergencies that occur within the university parameter. The inspiration for this project came from the well established EMS program at Rice University in Houston, Texas. Realizing the need for guidance and training from professionals in this field, LEMS requested assistance from REMS and physicians associated with REMS at Baylor College of Medicine. The purpose of this project was to provide requested assistance and to evaluate the possibility and utility of electronic medium for providing training material to newly developing educational program in developing countries. This can be done by establishing educational partnerships between these pilot programs and well established collegiate EMS programs in the US. The availability and popularity of social media outlets makes it convenient to exchange educational material. The LEMS and REMS exchange program serves as a successful model for this.

Skills Lab: Bubble Bubble, Toil and Trouble Managing the Traumatic Airway

Orleans

Rory Putnam, AA, NREMT-P

We've all had those difficult traumatic airways. But how well were you able to manage them? Have you really had enough practice in dealing with blood, suctioning, trauma to structures, debris and other issues that cloud your view of the cords and endanger the airway you need to secure? Would you know what to look for and how to deal with repeated failures in airway control. This class will refresh your memory on airway aids and techniques like the use of gum elastic bougies, lighted stylettes, adjustable stylettes, advanced and video laryngoscope devices, suction, alternative airway devices, and the LEMON, Mallampati and Lehane-Cormack scales. It will finish off with practical application of the materials you learn on a traumatic airway head which will challenge your abilities in ensuring your patient has an airway despite multiple trauma issues. We'll provide you the tools you need to be confident the next time you get that airway that just looks like trouble.

Conference Schedule - Saturday, March 1, 2014

Roundtable: Recruitment and Retention

Regis

Jeffrey J. Bilyk and Matthew Ricci, NCEMSF Regional Coordinators

For this roundtable discussion, NCEMSF Leadership will moderate conversations addressing recruitment and retention issues on college campuses.

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

◆ Fifty Shades of 911: Management of Kink-Related Emergencies

Salon A/B

Mariah Henderson

Even when practiced safely, BDSM (bondage/discipline, domination/submission, and sadism/masochism) can result in a variety of medical emergencies. After an intro to kinky vocabulary and a discussion of related legal issues, this course covers management of high-risk activities and their associated emergencies.

📺 "Can You Hear Me Now?"

Salon C/D

Lung Sounds and What They Can Tell Us About Our Patients

Jeremy Marsh, RN, BSN, NREMT

Lung sounds are often something 'overlooked'- er, uh, *heard* during pre-hospital assessments. Listening to lungs and correctly identifying what is heard can be very difficult in the field, especially on a busy college campus, or worse- in the back of a running ambulance. Correctly identifying abnormal lung sounds can be the first sign of a deteriorating patient - long before other symptoms or a low pulse-ox reading. This lecture will take students through a basic refresher of airway physiology and auscultation techniques; a review of normal as well as various abnormal lung sounds; and will discuss the clinical significance of wheezes, crackles, stridor and other abnormalities. No stethoscope is necessary.

✿ Crisis Resource Management

Salon H/I

Charles Pozner, MD

This lecture will describe the principles of Crisis Resource Management (CRM) and its migration from the airline industry into the medical arena. He will discuss the critical role that CRM plays in the care of low frequency/high acuity events.

◆ Foul Ball: Concussion Syndrome in Sports Injuries

Salon J/K

Rory Putnam, AA, NREMT-P, Assistant Professor/Clinical Coordinator

When kids get injured in sports it is an issue for which we are seldom prepared. We know how to handle the injury, but what about the lasting effects of potential concussion and the seriousness of them? Do we know how to handle a situation where a child or the coach wants to return to play, but we feel there are concerns? Do we know enough about concussion to determine what we are seeing for signs and symptoms that may be dangerous to the player? What about coaches, athletic trainers and parents and their knowledge and involvement in the patient's care? This course will help you better understand these injuries and when a kid should go back in to the game or go to the hospital. It will help you to better understand concussion and it's effects on the brain and learn injury grading and how to appropriately treat it including criteria for return to play. So get on the ball and take this class! You'll be better prepared to handle concussion.

✿ The Silent Killer: Suicide in EMS

Provincetown

Amy Eisenhauer

There is a great hypocrisy in the world of Emergency Medical Services. Our job is to help people in any circumstance, at any time, at any place, usually where unimaginable scenarios present themselves. These are the worst days of peoples' lives, but they shouldn't affect responders ... at least that is the popular conception within our circles. Is suicide becoming more prevalent in the EMS community? This session will discuss precursors and signs that could lead to suicide, the role that PTSD, personal problems, and addictions play, and agencies and programs that are challenging the current stigma of asking for help.

✿ Building the Imperfect Beast: Striving for Safety in Ambulances

Suffolk

Mark Forgues, MEd, EMT-P

When MIT EMS set out to develop a new design for its ambulance, the group had one thing in mind; that the vehicle be as safe as possible while still maintaining the needs of the service. The standard "plain vanilla"

Conference Schedule - Saturday, March 1, 2014

designs of most ambulances were considered to be woefully inadequate. Moreover, they have been proven to be dangerous, especially to the rarely restrained technician in the patient compartment. This presentation will relate how this process was initiated, what steps were included, and why the current designs so common throughout the industry, were considered to be not only unusable, but dangerous. It concludes with the current design of the new ambulance, which although not perfect, is considered to be a step forward in making "the beast" safer. This vehicle is the MA Region IV 2013 Innovation of the Year award winner.

Is There A Doctor On the Plane, A Nurse, Anyone?

Wellesley

Medical Emergencies on Commercial Airlines

Ronald Roth, MD

Medical emergencies are not an infrequent occurrence on commercial flights. As prehospital care providers most of us would jump to help someone suffering from a medical problem even while flying on a commercial airline. Before you push that call bell to offer assistance you should know what you are getting into.

High Quality Results: Best Practices in EMS Education

Simmons

Brian Orsatti, Alethea Granberg, MSM, NREMT-P, and Raymond Levy, MPH, EMT I/C

Boston University EMS runs EMT courses with more students than any other educational institution in Massachusetts. Through more than 10 years of educating EMTs through initial courses and continuing education, the program has developed a number of practices that help us assure the highest level of success for our students in EMS and other medical careers. Endorsed through student surveys, word-of-mouth feedback and student referrals we pride ourselves in being successful at not only educating students in EMS, but doing so in an open, positive, engaging and fulfilling manner. Three of the most critical components to running a successful EMT course are having effective instructors, a strong course structure, and orienting the program towards maximizing the student experience. During this presentation we will share the best practices we follow and encourage discussion and feedback from participants' experiences at other institutions in an effort to share stories of success in EMS education.

Translate Your Passion for EMS into a Meaningful Career

Boylston

Noah Smith, MPH and Stephen Gerber, MSHS, NREMT-P

Here's the story of two collegiate EMS volunteers who had (have?) no clue what they wanted (want?) to do with their lives, but knew they had a passion for EMS. Join us as we explore how and why we began careers as a field paramedic and a national EMS policy analyst. More importantly, explore different career options in and out of a patient care setting where your knowledge and experience will be invaluable. The best part? We need your help! EMS is desperate for dedicated, educated and passionate leaders. With positions in government, non-profits, research, management and field care, there are dozens of ways to help EMS and yourself grow and thrive.

Supporting EMS Innovation & Development in Massachusetts

Tremont

G. Gibson McCullagh, Jr.

While prehospital emergency medical care has matured significantly since its inception, Emergency Medical Services within the United States can often be viewed as severely fractured. Compared to its peers in public safety (firefighting and law enforcement), EMS is still very much in its infancy. This fracture and youthful nature of prehospital care nationwide has resulted in substantial discrepancies in what EMS means to each community. The future of EMS in the United States is reaching a critical point; the adoption of nationally recognized standards is an immediate necessity that each state must address. In Massachusetts, 2013 was a year full of EMS reform with significant changes in the areas of training, education, certification and scope of practice. This session will review the process by which EMS system innovation and development occurs at the local, state and federal levels.

EMS Development in Low- and Middle-Income Countries: Current Status and Career Opportunities

Columbus

Jason Friesen, MPH, EMT-P

Despite the overwhelming burden of preventable death and disability in low- and middle-income countries (LMICs), the vast majority of the world's population does not have reliable access to basic emergency medical care. Instead, these communities are often dependent upon ad hoc and informal systems with unpredictable

Conference Schedule - Saturday, March 1, 2014

response times to treat and transport acute patients. However, the formal systems utilized in affluent countries are not easily replicable in communities that do not have adequate resources. The aim of this session is to provide an overview of the current status of EMS systems in LMICs with a focus on the policy, infrastructure and financial challenges faced in resource-limited settings. Examples of alternative solutions to overcome these challenges will be explored, including a discussion of current efforts by international partners active in the field as well as potential career paths for interested EMS professionals.

Skills Lab: Musculoskeletal Injuries

Vineyard

Improvised Splinting and Athletic Injury Care

Gates Richards, MEd, WEMT-I, FAWM

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 usable and unusable musculoskeletal injuries and their care. We will practice supporting athletic injuries and immobilizing unusable injuries by building splints from materials at hand. Though focused on remote environments, this workshop will improve your musculoskeletal injury care in any environment and your patients will thank you!

Skills Lab: Remote Hypothermia Management

Yarmouth

Kenneth Piercey, RN, EMR IT, WFR

Managing the hypothermic patient in the backcountry will be reviewed and hypothermic severity levels and treatment discussed. The session will include demo and hands-on practice of designing and implementing the use of a Hypo Wrap for patient stabilization and transport. Content provided courtesy of Wilderness Medical Associates International.

Skills Lab: MCI Tabletop

Orleans

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: Training

Regis

Katie Egan, RN, Kate Marquis, RN, and Zachary Matuzsan, NCEMSF Regional Coordinators

For this roundtable discussion, NCEMSF Leadership will moderate conversations addressing training issues on college campuses. Discussion will revolve around building an EMS training program that is effective, long lasting, and influential. Learn from each other how to develop curriculum, train on-scene, and create a standardized training module.

3:40 pm - 3:55 pm *Snack Break*

Fourth Floor Foyer

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

♦ "Can I give you a hand with... oh too soon?"

Salon A/B

Forearm Trauma/Emergencies

Benjamin N. Abo, DO, EMT-P

The hand is arguably one of the most important body parts and, perhaps second only to the face, the most representative of humanity. In this highly-visual lecture we will visit/review forearm and hand anatomy and in case-based format go through various common (and freak) emergencies involving the hand and forearm.

EMS Controversies 2014: Where Does the Ambo Go?

Salon C/D

Benjamin Lawner, DO, MS, EMT-P, FACEP

Prehospital care is now an officially recognized subspecialty within emergency medicine. Research is fast moving, and protocol-based EMS systems often lag behind the literature with respect to best practices. Engage in active, case based discussion about time honored EMS interventions and examine your practices in the light of new evidence. Topics scheduled for discussion include: spinal immobilization, alternative destination, and the perils of high flow oxygen administration.

Conference Schedule - Saturday, March 1, 2014

CPR Adjuncts: Toys or Tools?

Salon H/I

Shane Jenks, MD

Many adjuncts have entered into clinical use over the last decade in an attempt to improve the inherently inefficient process of manual CPR. This lecture will discuss some of these products: the CPR automatic feedback devices, CPR automated compression devices and the impedance threshold device. We will discuss the proposed physiology that lead to the introduction of these devices, some practical components to their use and will finally discuss the literature that exists supporting or refuting the use of these devices in current clinical practice. The students will feel confident in their understanding of the literature and will be able to return to their home agencies with a data supported opinion of the use of these devices.

◆ The Spine is Not Fine

Salon J/K

Teresa Deak, MD

You board and collar many trauma patients to protect the spine from further injury, but are you able to figure out when the spine is not fine after trauma? This lecture will focus on physical exam findings to determine the level and syndrome of spinal cord injury in your trauma patient.

Psychological Survival Skills During Crisis Response

Provincetown

Sheila Roth, PhD, LCSW, EMT-B

Critical Incidents are typically sudden, powerful events that are outside of the range of an individual's ordinary experiences. Understanding one's own stress reactions and de-stressing techniques will be investigated through this presentation. Examination of healthy and un-healthy choices used for survival is the focus. Participants will walk away with a better understanding of their own methods and how to effectively de-stress.

❖ Scene Safety: What Does that Really Mean?

Suffolk

Daniel Maas

We give it lip service in training, stating that we are checking to make sure that the scene is safe. The EMT textbook devotes all of 5 pages to scene safety and focuses mostly on vehicle crashes and acts of violence. Have you trained and practiced on the skills you need to fully size up an incident scene and make sure it is safe for you and your crew? College and university campuses provide a variety of unique hazards and situations that are never discussed in EMT class. This talk will highlight some of those hazards and present some concepts for improving scene safety skills within your organization.

◆ A Decade of War:

Wellesley

What Iraq & Afghanistan have Given Civilian Medicine

Michael Kelley, RN, BSN, EMT-P

Over the past 10 years, US forces have been engaged in active combat in Iraq and Afghanistan. Many times, medical personnel are presented with difficult patients in difficult scenarios. Imagine you are a medic with a platoon that takes multiple casualties. You are the sole provider for these troops with nothing more than a backpack full of supplies and evacuation may be hours away. You employ the use of tourniquets and combat gauze, permissive hypotension, advanced airway procedures and needle thoracostomy, and wait for transport to arrive. Now you're the flight medic, picking these men and women up off the battlefield. You are the sole medic on the helicopter that can potentially have up to six critically wounded patients. Chances are that if your patients are alive when they arrive at the Combat Support Hospital, then they will survive to get home. Combat survivability is higher now than in any other war or conflict. During WWII the mortality rate was 19.1%, and during Vietnam 16.1%. But in Iraq and Afghanistan, only 10% of all injuries resulted in death. These interventions can be used in an increasingly violent society to save lives and reduce fatalities; incidents such as the Boston Marathon bombing and the Navy Yard shooting have proven this.

⊗ EMS Research - Seeking Evidence for the Future

Simmons

Mark Escott, MD, MPH, FAAEM, FACEP and Lisa Basgall, LP, NREMT-P, MA

EMS Protocols serve as standing orders for prehospital providers to care for patients with medical and traumatic emergencies. Shouldn't they be based on something other than tradition? Research on the battlefield, in the emergency room, and in prehospital medicine combine to provide evidence on which to

Conference Schedule - Saturday, March 1, 2014

base best practices for future care. Prehospital medicine research can take several approaches. Retrospective chart review is a valuable tool to measure patient care practices, scene management, provider efficacy, and patient outcome. Medical device research about a new tool for EMS providers helps improve the practice for the future. New pharmacological options for prehospital care involves training providers and review charts to measure patient outcomes. Some research projects may have more than one goal. Prehospital medicine research may have a goal of promoting evidence based medicine, improve EMS tools, and/or educating care providers more effectively. This presentation will offer a basic overview of EMS research. Several current EMS research projects will be discussed, and an overview of an EMS research course for undergraduates will be outlined.

❖MA COMU Team and Deployments

Boylston

Steve Staffier

This session will include a power point presentation of the MA COMU Team and recent deployments. You will learn how the team was formed and the roles and responsibilities under ESF-2.

❖Weapons of Mass Destruction

Tremont

Michael Guttenberg, DO, FACEP, FACOEP

This lecture will focus on understanding bioterrorism and other weapons of mass destruction. Focus will be placed on understanding the role of bio-surveillance, biologic and chemical agents of opportunity, as well as explosives. The role of triage and alternative models of triage in the trauma and non-trauma setting will be discussed. As examples will illustrate, the college campus is not immune from Bioterrorism/WMD.

❖NG9-1-1: What it is, What it isn't, and its Impact on EMS

Columbus

Noah Reiter, MPA, NREMT-P

The 9-1-1 industry is on the cusp of implementing Next Generation 9-1-1 (NG9-1-1) infrastructure, and many parts of the country have already begun this process. Most outside of the 9-1-1 world (and even some within it) believe that NG9-1-1 simply means text, photos and video to 9-1-1. NG9-1-1 technology is considerably more than that. It promises to provide tremendous resilience for our nation's 9-1-1 systems, in addition to an unbelievable capacity to receive new sources of media rich data at the time of a 9-1-1 call. Once implemented, and if properly leveraged, NG9-1-1 could have significant positive impacts on emergency medical services. This session will provide attendees with an understanding of the: Current and future NG9-1-1 landscape; Continuity of operations and resilience that NG9-1-1 provides; Additional data sources available through NG9-1-1 (i.e. crash telematics, wearable sensor data, video); Opportunities NG9-1-1 presents to EMS systems for situational awareness, real time intelligence, and improved patient outcomes.

❖Scene Safety for EMS Bike Teams and Equipment Selection

Yarmouth

Cory LaFontaine and Michael Salvatore, NREMT-P, IPMBA

In this hands-on session, attendees will see first hand the equipment, supplies, uniforms and bikes used by EMS Bike Teams. Attendees will have the opportunity to ask questions and learn about what is important when selecting equipment that will be used in the demanding field of EMS cycling. The group will learn what factors to consider when planning for events and will have the opportunity to participate in a scene safety demonstration for EMS cyclists.

Skills Lab: Lifting and Moving

Vineyard

Gates Richards, MEd, WEMT-I, FAWM

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

Skills Lab: Learning Through Games

Orleans

Will McGill

This interactive session will build upon the previous session "Gamification and EMS Education". Attendees will create games that can be used on their campus to augment traditional EMS training and education. You will leave with an appreciation for what goes into making a game and how games might make their educational experiences more entertaining."

Conference Schedule - Saturday, March 1, 2014

Roundtable: Fundraising and Financing

Regis

Yoni Litwok and David Afienko, NCEMSF Regional Coordinators

For this roundtable discussion, NCEMSF Leadership will moderate a conversation addressing financing and budgeting for campus-based EMS, with a particular focus on fundraising opportunities and strategies.

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

Salon E/F

Introduction

George J. Koenig, Jr, DO, NCEMSF President

It Takes a Village - And Eight Steps

James L. Meisel, MD, FACP

From a thirty year vantage point, a founder of a campus based EMS describes the eight steps -- and one secret ingredient -- that resulted in an institutional transformation successful beyond any of the founders' imaginations. Dr. Meisel describes how involvement in this shared campus activity became such an important personal and professional development experience for generations of graduates, and provides a model that will help your organization survive and thrive.

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

Salon E/F

George J. Koenig, Jr, DO, NCEMSF President

Learn how the Foundation continues to grow and mature, where the Foundation is heading and how you can participate. Learn how NCEMSF can better serve you through all of its various programs and member benefits. Includes brief introductions and reports from the NCEMSF Executive Officers, Division Coordinators and Committee Chair-people.

Awards Ceremony

NCEMSF recognizes outstanding efforts made by individuals and organizations through its awards program. The winners of the Physio-Control EMS Skills Classic and CPR Challenge will be announced. New additions to NCEMSF's HEARTSafe Campus Program will be acknowledged as well. Campus EMS providers who have participated directly in a CPR save over the past year also will be commended by the Sudden Cardiac Arrest Association (SCAA).

Striving for Excellence - Celebrating its 15th Year!

Richard W. Vomacka Student Speaker Competition

Original Student Research Competition

Collegiate EMS Banner of the Year

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 NCEMSF Service Award

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

Connexion Lounge

Campus EMS Alumni 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 (a significant number also alumni) and exhibitors. Conference badge with "Alumni" ribbon and proper ID required.

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 for reservations. Consider pairing up with another squad and eating together and continuing conversations from earlier in the day. See a listing of local restaurants and nighttime suggestions on page 35 or consult the Hotel Concierge.

After dinner, there is plenty to do! Stay out and enjoy Boston or return to the party at Club NCEMSF and Casino!

Conference Schedule - Saturday, March 1, 2014

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

Salon G

Join the party at Club NCEMSF and Casino! No need to congregate in the halls or cram large groups into a small hotel room, when you return to the hotel from dinner, join the party!

Hop in the photo booth and create memorable souvenirs of you and your collegiate EMS friends from across the country. Join the rest of your fellow collegiate EMS providers and “gamble”, dance and sing the night away with our live DJs. 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 two roundtrip flight vouchers courtesy of JetBlue Airlines, gift cards, and a plethora of EMS supplies. 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 a chance at winning big. The casino will close at 1AM, but the music, by DJ Ju Lee, 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. Light refreshments will also be served.

GET SOME REST!

WE’LL SEE YOU IN THE MORNING...



Schools in Attendance

*At the time of publication, the following 107 universities (1,069+ 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>
Anna Maria College	1	MA	Massachusetts		
Arizona State University	6	AZ	Central	BLS	QRS
Bard College	8	NY	New York	BLS	QRS
Bellarmine University	4	KY	Southeast	BLS	Event
Binghamton University	27	NY	New York	ALS	Ambulance Transport
Boston College	13	MA	Massachusetts	BLS	QRS
Boston University	8	MA	Massachusetts	BLS	QRS
Brandeis University	19	MA	Massachusetts	BLS	Non-emergent Transport
Brown University	5	RI	Northeast	ALS	Ambulance Transport
<i>Carnegie Mellon University</i>	7	PA	<i>Pennsylvania</i>	<i>BLS</i>	<i>QRS</i>
Case Western Reserve University	9	OH	Midwest	BLS	Transport
Clark University	16	MA	Massachusetts	FR	QRS
Colby College	2	ME	Northern New England	BLS	QRS
College of Charleston	5	SC	Southeast	ILS	Ambulance Transport
Columbia University	13	NY	New York	BLS	Ambulance Transport
Cornell University	12	NY	New York	BLS	Non-emergent Transport
<i>Creighton University</i>	3	NE	<i>Central</i>	<i>EDU</i>	<i>Education</i>
Dartmouth College	11	NH	Northern New England	BLS	QRS
DeSales University	9	PA	Pennsylvania	BLS	QRS
Drexel University	15	PA	Pennsylvania	BLS	QRS
Emory University	10	GA	Southeast	ILS	QRS
Fordham University	13	NY	New York	BLS	Ambulance Transport
Franklin and Marshall College	5	PA	Pennsylvania	BLS	QRS
Franklin Pierce University	4	NH	Northern New England	BLS	QRS
Georgetown University	15	DC	Mid Atlantic	BLS	Ambulance Transport
Harvard University	26	MA	Massachusetts	BLS	QRS
Hobart and William Smith Colleges	3	NY	New York	BLS	QRS
John Carroll University	5	OH	Midwest	BLS	QRS
Johns Hopkins University	9	MD	Mid Atlantic	BLS	QRS
Juniata College	9	PA	Pennsylvania	BLS	QRS
Macalester College	2	MN	North Central	BLS	Event
Massachusetts Institute of Technology	20	MA	Massachusetts	BLS	Ambulance Transport
McMaster University	11	ON	Canada	BLS	Non-emergent Transport
<i>Montclair State University</i>	1	NJ	<i>Northeast</i>	<i>BLS</i>	<i>Ambulance Transport</i>
Mount Holyoke College	5	MA	Massachusetts	BLS	QRS
Muhlenberg College	8	PA	Pennsylvania	BLS	Non-emergent Transport
Northeastern University	9	MA	Massachusetts	Startup	
Norwich University	17	VT	Northern New England	BLS	Non-emergent Transport
Paul Smith's College	3	NY	New York	Startup	
Pennsylvania State University	20	PA	Pennsylvania	BLS/ALS	Ambulance Transport
Rensselaer Polytechnic Institute	10	NY	New York	BLS	Ambulance Transport
Rice University	9	TX	Central	ILS	QRS
Rochester Institute of Technology	24	NY	New York	BLS	Ambulance Transport
Rowan University	17	NJ	Northeast	BLS	Ambulance Transport
Rutgers University	1	NJ	Northeast	BLS	Ambulance Transport
Saint Anselm College	13	NH	Northern New England	BLS	QRS
Saint Michael's College	4	VT	Northern New England	ILS	Ambulance Transport
Santa Clara University	14	CA	West	BLS	QRS
Skidmore College	5	NY	New York		
Springfield College	10	MA	Massachusetts	BLS	QRS

Schools in Attendance (Continued)

<u>School Name</u>	<u>Delegates</u>	<u>State</u>	<u>NCMSF Region</u>	<u>Type</u>	<u>Sub-Type</u>
St. Lawrence University	4	NY	New York	BLS	QRS
Stockton College	6	NJ	Northeast	BLS	QRS
SUNY Albany	10	NY	New York	BLS	Ambulance Transport
SUNY College at Cortland	11	NY	New York	BLS	QRS
SUNY Geneseo	7	NY	New York	BLS	QRS
SUNY Oneonta	19	NY	New York	BLS	QRS
SUNY Potsdam	8	NY	New York	BLS	QRS
Syracuse University	7	NY	New York	BLS	Ambulance Transport
Texas A&M University	20	TX	Central	ALS	Ambulance Transport
The College of New Jersey	4	NJ	Northeast	BLS	QRS
The George Washington University	25	DC	Mid Atlantic	BLS	Ambulance Transport
Tufts University	22	MA	Massachusetts	BLS	Non-emergent Transport
Tulane University	1	LA	Central	BLS	Ambulance Transport
United States Merchant Marine Acad	9	NY	New York	BLS	Ambulance Transport
University of Arizona	8	AZ	Central	BLS	QRS
University of British Columbia	1	BC	Canada	Startup	Event Standby
University of California-Los Angeles	7	CA	West	BLS	Ambulance Transport
University of Chicago	4	IL	North Central	FR	Event Standby
University of Colorado - Boulder	2	CO	Central	BLS	Event Standby
University of Dayton	11	OH	Midwest	BLS	Ambulance Transport
University of Delaware	40	DE	Mid Atlantic	BLS	Ambulance Transport
University of Guelph	8	ON	Canada	BLS	QRS
University of Ill. at Chicago	5	IL	North Central	BLS	Ambulance Transport
University of Ill. at Urbana-Champaign	15	IL	North Central	BLS	Event Standby
University of Iowa	3	IA	North Central	EDU	Education
University of Maine	8	ME	Northern New England	ALS	Ambulance Transport
University of Manitoba	3	MB	Canada	FR	Event Standby
University of Massachusetts Amherst	24	MA	Massachusetts	BLS	Event Standby
University of Massachusetts Lowell	10	MA	Massachusetts	BLS	QRS
University of New England	15	ME	Northern New England	BLS	QRS
University of Pennsylvania	18	PA	Pennsylvania	BLS	QRS
University of Pittsburgh	13	PA	Pennsylvania	EDU	Event Standby
University of Rhode Island	28	RI	Northeast	BLS	Ambulance Transport
University of Richmond	9	VA	Mid Atlantic	BLS	QRS
University of Rochester	11	NY	New York	BLS	QRS
University of San Francisco	2	CA	West	BLS	QRS
University of Vermont	9	VT	Northern New England	ALS	Ambulance Transport
University of Windsor	12	ON	Canada	BLS	QRS
University of Wisconsin Madison	5	WI	North Central	FR	QRS
Ursinus College	8	PA	Pennsylvania	BLS	QRS
Vassar College	10	NY	New York	BLS	Non-emergent Transport
Vermont Technical College	1	VT	Northern New England	BLS	QRS
<i>Villanova University</i>	<i>17</i>	<i>PA</i>	<i>Pennsylvania</i>	<i>BLS</i>	<i>Ambulance Transport</i>
<i>Virginia Polytechnic Institute</i>	<i>16</i>	<i>VA</i>	<i>Mid Atlantic</i>	<i>BLS/ALS</i>	<i>Ambulance Transport</i>
Wake Forest University	7	NC	Southeast	BLS	QRS
Washington University - St. Louis	1	MO	Central	BLS	QRS
West Chester University of PA	8	PA	Pennsylvania	BLS	Non-emergent Transport
Willamette University	1	OR	West	BLS	Non-emergent Transport
Worcester Polytechnic Institute	7	MA	Massachusetts	FR	QRS
Yale University	4	CT	Northeast	BLS	Event Standby

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

Conference Schedule - Sunday, March 2, 2014

7:30 am - 8:30 am *Continental Breakfast*

Fourth Floor Foyer

8:00 am - 8:50 am *Aftermath of the Bombing: Tragedy at MIT*

Salon E/F

Dylan Soukup, Mark Forgues, MEd, EMT-P, Juliann Shih, and Maximilian Tang

On the night of April 18, 2013, an event occurred that shook the MIT campus to its roots. Three days after the Boston Marathon bombings, while the region was still in a state of unease, MIT Police Officer Sean Collier was shot. Sean was not only an MIT Police officer; he was a personal friend to MIT EMS and especially to those who transported him after the shooting. The events of that evening will remain with us forever. This presentation is about what happened on that evening and the days, weeks, and months that followed; the bad, the good and the reality. We will discuss actions that occurred both from the point of view of the students who were experiencing them and administrators who were sharing their grief while trying to help. In discussing what went right, what could have been done better, and the lessons learned, those involved will provide perspective on a collegiate EMS agency's involvement in a campus-changing tragedy. It is our hope that, through this presentation, we can help to break down the tough-person mentality of EMS and the stigmas behind sharing grief, showing vulnerability, and accepting individual differences in the recovery process. We will present some ideas and guidelines for the future in the hopes that they will never be utilized.

9:00 am - 10:00 am *Workshop Session 9*

⚡ **Lightning Emergencies: The Shocking Truth Behind All That Voltage** *Salon A/B*

Benjamin N. Abo, DO, EMT-P

You have a much better chance of being struck by lightning than winning the lottery...especially if you live in certain parts of the US. Do you know how to keep yourself safe? Do you know when and how to clear crowds of spectators to get to safety? Do you know what are the truths and what are the common myths regarding lightning injuries? This lecture with the latest guidelines and consensus directly from the Wilderness Medical Society will provide some of the SHOCKing truths in order to keep you CURRENT on lightning emergencies so that you can BOLT into action when needed.

📁 **Essentials of EMS Documentation:**

Salon C/D

The "How To" of Effective Documenting

James Wilmerding, MS, MEd, EMT-P and Margaret Houghton, 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 PCR on 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 run documentation techniques and pitfalls to avoid.

⚙️ **Patient Assessment IS Risk Management:**

Salon H/I

An Introduction to Risk-Thinking for EMS Providers

Will McGill, PhD, NRP, CCEMT-P

"Patient management IS risk management." This talk will explain what is meant by this quote and how to put its wisdom into practice. Attendees will be introduced to the basic philosophy of risk management and will be taught how to apply risk thinking to improve their overall quality of care and value-added to the patient. For instance, what is the relationship between patient assessment and risk management? How does risk thinking relate to your choice of interventions? What risks are we talking about anyway?

📁 **Your Patient Has Crushing Chest Pain: Don't Have A Heart Attack!** *Salon J/K*

Yoni Litwok, NCEMSF Northeast Regional Coordinator

It's early May and your department has spent a whole year treating intoxications and sprained ankles. All of a sudden you get paged for a 68 year old male having chest pain and trouble breathing at the Alumni Reunion Luncheon. Oh no! Now what? Is he having a heart attack? Should I give him nitro? How much aspirin should I give him? Should I wait for paramedics on scene or go straight to the hospital? This talk will review why people experience chest pain, what can be the cause, and how it should be treated. We will also review different heart sounds and EKG rhythms, which can go a long way in saving your patient's life.

Conference Schedule - Sunday, March 2, 2014

Queering the Field: an LGBTQ Primer

Wellesley

Mariah Henderson

The LGBTQ (lesbian, gay, bisexual, trans, and queer/questioning) communities often experience discrimination and misunderstanding in the face of medical professionals and public safety workers. This awareness training aims to familiarize EMTs with terminology used by the LGBTQ communities, examine relevant medical concerns for these individuals, and provide options for potentially uncomfortable patient interview questions. All identities are welcome to attend.

How to Lose a Partner in 10 Ways: A Guide to EMS Teamwork

Suffolk

Charles Warner, BSN, RN, NREMT-P, CCEMT-P

You are working with another EMS provider for the first time and you have 8, 12, 24 hours left in your shift. What fears do you have about working together? As a partner, what is allowing you to work well together? What is holding your partnership back? What is preventing you from killing each other over personality differences? Teamwork in EMS is directly related to how your ambulance, QRV, or squad works as a whole. Like the fuel you put in your vehicle, better octane means better performance. In EMS, safety, patient outcomes, and personal enjoyment all stem from good teamwork. Bad teamwork can almost certainly ruin a partnership and leave you counting the minutes until the end of your tour of duty. Learn 10 tips that are useful for your partnership, as well as your organization's overall teamwork, as you respond to EMS emergencies around campus.

Can't Breathe: Consider CPAP

Simmons

Joseph Zito, MD, MHA, EMT-P, FACEP

You arrive on scene and find a 58 year old male struggling to breathe. You quickly take out your stethoscope and hear bilateral rales. Your partner calls on the radio for ALS assistance for intubation. However, does the patient need intubation or could he benefit from CPAP (continuous positive airway pressure)? CPAP is rapidly gaining acceptance as a prehospital standard for both BLS and ALS in selected patients with acute respiratory failure. This session will reviews the respiratory physiology associated with disease states, and describes how CPAP can benefit patients.

Physio-Control EMS Skills Classic Review

Provincetown

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

Skills Competition participants 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. Individual team performances will not be discussed.

Skills Lab: Megacode Resuscitation

Regis

Benjamin Lawner, DO, MS, EMT-P, FACEP

This interactive scenario session will review the physiology of sudden cardiac arrest and the resuscitative treatment algorithm. The therapeutic effects of resuscitation drugs and defibrillation will be discussed as well as the importance of teamwork and uninterrupted CPR. Participants will resuscitate "Annie" as a team and learn how preparation and practice can benefit their patients.

Roundtable: QA/CQI

Vineyard

Frank A. Caria, MPA

This roundtable discussion is dedicated to current issues in Quality Assurance and Improvement. Bring your issues and ideas to discuss amongst your peers and together as a group we will work through them and learn how other agencies are handling the same issues your agency is experiencing.

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

EMS and Fireground Operations

Salon A/B

Ian Feldman, FF/LP, NCEMSF Central Regional Coordinator

While fire and EMS are often intertwined in the municipal environment, on most college campuses EMS operates separately from the local fire department. This presentation aims to introduce fire department operations to EMTs, explain how EMS can be utilized on a fire scene, and discuss some common fire-related injuries and ailments.

Conference Schedule - Sunday, March 2, 2014

Essentials of EMS Documentation – “The Patient Sign-Off”

Salon C/D

James Wilmerding, MS, M.Ed., EMT-P and Margaret Houghton, EMT-P

Most of us are not lawyers, but there are some basic concepts that we need to be aware of and follow as we document that patient care refusal call. It can be the most difficult and daunting task yet a vital component of your overall PCR. Come hear what other providers are doing and review policies, procedures, guidelines and forms utilized in documenting an effective patient refusal.

“Say Whaaat? That's Not The Story I Got!”

Salon H/I

Graig Straus, MSN, APRN, CEN, FF/EMT

How many times have you assessed your patient thinking you have gotten a complete story, only to have someone else walk in after you and come out with something completely different? It happens to everyone. The question is, how do we walk in the first time and get a complete story and not make ourselves feel foolish when someone goes in after us? In this lecture, we will review and build upon the basics of scene size-up, chief complaint, subjective assessment, OPQRST and SAMPLE. We will use these basic steps to help us define the patient's chief complaint, determine the differential diagnosis, and in turn lead to a consistency of questioning that will hopefully gather all the information needed to get the story right the first time.

Mazel Tov! It's a Boy!

Salon J/K

Joshua Glick, NCEMSF Alumni Coordinator

Did you forget about the small section of your EMS textbook that talked about managing a delivery? Does the thought of bringing a newborn child into this world absolutely terrify you? If you answered yes to either (or both) of these questions, this lecture is for you! We will be reviewing some questions to ask all pregnant patients, the basics of handling a delivery in the field, and some common complications to expect.

Sense and Sensitivity:

Wellesley

Applying the CARES 14.0 Model to Sexual Assault Calls

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

With college sexual assaults (SA) and intimate partner violence continuing to occur across campus, wouldn't you like to know more about how to handle those 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. Eric will also discuss Bystander Intervention, to help make your crews and campuses safer.

Critical Care Transport - The Same Thing, Only Different

Suffolk

Michael Frakes, APRN, EMT-P

Patients encounter emergency medical services with a wide variety of needs, from basic life support through complex critical care. A well-designed EMS system includes the capacity to meet all of those needs so that patients are paired with the right resources. This presentation will talk about how critical care transport teams and helicopter transport teams fit into the EMS system.

Developing Training Programs

Simmons

Based on Quality Review and Specific Agency Needs

Tim Lanese, RPh, MBA, EMT-P, EMSI, FASHP

EMS, as other medical based professions, depends highly on continuing education to maintain the highest levels of quality and care. Many organizations do not have detailed plans for their education programs, and often focus more on what is “interesting” than what is important. By using quality review of the agency's services, history and determining of the specific needs of the university, a training program that is both interesting and valuable can be created.

EMS Fit: Fuel Up, Don't Burn Out

Provincetown

Jacqueline Lawrence, NREMT-P

EMS Fit takes a look at the current state of wellness and health in the EMS field. With injury and illness rates rising, implementing an EMS wellness program is more important than ever. EMS Fit takes a look at the 3 areas of wellness that should be the focus of any program: Fitness, nutrition, and mental health. We will look

Conference Schedule - Sunday, March 2, 2014

at the basics of EMS Fit and discuss ways in which programs can be implemented at any level and with any budget. We will discuss the basics of a well-rounded program, identify risks and behaviors that can lead to a reduction in illness and injury, and learn how overall wellness will benefit members both on and off duty. From in-station fitness to engaging the campus resources, EMS Fit will benefit any program and assist departments in making their environment one that focuses on the well-being and health of those that serve your communities. Come and learn why it's time for EMS to fuel up and not burn out.

ECG Skills Lab: The ST Segment in all of its Ugliness

Regis

Benjamin Lawner, DO, MS, EMT-P, FACEP

Expedited transport to the cardiac catheterization lab has been linked to reductions in mortality. Accordingly, several EMS systems have begun utilizing basic life support providers in the transmission and interpretation of 12 lead ECGs. Participants in the hands on ECG lab will have the opportunity to review actual prehospital 12 lead ECGs and improve their understanding of how the 12 lead can diagnose an ST segment myocardial infarction.

Skills Lab: Event Medicine Table Top

Orleans

Benjamin N. Abo, DO, EMT-P

Is your campus prepared to respond to high profile, high risk, high volume events? College campuses often bring together large groups of people in events like concerts, sporting events, and political rallies. With such events, EMS presence needs to be well-planned and well-executed. This hands-on session will provide you with table top experiences in planning, implementing, and evaluating EMS for these large events.

Roundtable: Administrator/Advisor/Medical Director

Vineyard

Michael S. Wiederhold, MD, MPH, NCEMSF Treasurer, and

Mark E. Milliron, MS, MPA, Moderators

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

11:20 am - 12:20 pm Workshop Session 11

❖ Boston Marathon Bombing: Lessons Learned - EMS Perspective

Salon A/B

James Domaldo, Captain, EMT-P

This presentation will provide an overview of how Boston EMS operates. It will show how we prepare for the yearly running of the Boston Marathon and some historical patient counts. The presentation will show the value that training, planning and communications play in a successful large scale event. Boston Strong!

📄 Documentation: From the Dreaded D Word to Excitement in EMS

Salon C/D

Danielle Gruen

Documentation is generally resented by EMS providers, even by those who recognize its value. This is because current charting systems are often cumbersome. However, documentation should really be viewed as a key area for innovation, at the intersection of prehospital emergency medicine and tech. In the coming years, it will be critical to transform the way we record time-sensitive events, not only for our own convenience as healthcare providers, but for more meaningful retrospective healthcare research and ultimately for higher quality patient care. Don't let the subject mislead you, this talk is intended to be fun and to stimulate ideas, discussion, and collaborations. Moreover, this talk will reveal recent results from a study of the accuracy and precision of documentation methods during out of hospital cardiac arrest. It will also highlight ways in which we can gain more insightful information from documentation systems and how these systems may improve with technology.

❖ Drop the Acid, Drop the Base. A Little Chemistry Ain't No Disgrace

Salon H/I

Eric Pohl, NREMT-P, NCEMSF Emergency Management Coordinator

Acids, and, their natural counterpart, bases, form a cornerstone of industrial and experimental chemistry and chemical processes. They are routinely encountered in everyday life. They can also be some of the most

Conference Schedule - Sunday, March 2, 2014

dangerous chemicals to work with and, therefore, when accidents happen, the consequences can be severe. This lecture will provide a general overview of acid/base chemistry, delve into some of the nastier aspects of a few particularly dangerous chemicals, and discuss the accepted practices when dealing with chemical emergencies and how to deal with patients that are injured as a result of contact with acids or bases.

Pediatric Emergency... Why Me?!

Salon J/K

Sean McMullen, CEP

Few things get the heart rate up like a dispatch to a pediatric emergency – child choking, febrile seizure, infant in respiratory distress... Why are these emergencies, which many of us consider to be “routine” in adults, suddenly so nerve-wracking when they happen to children? The issue for many people is familiarity. Kids scare us because we don’t often see them sick or injured, so they take us out of our comfort zones. So what do we do? Understanding what happens to kids when they get sick or injured is the first step; next is learning how to interact with children in order to make the situation less stressful for the patient, the parents, and the provider. This presentation will use collaborative discussion to address some simple, easy techniques that can make care of pediatric patients a walk in the park.

Emerging Infectious Diseases

Wellesley

Joseph Zito, MD, MHA, EMT-P, FACEP

This lecture will provide an exposure to some of the emerging diseases that will affect the health of the public and examine the challenges and opportunities they pose to the public health system. It will describe the causes and contributing factors that lead to this emergence and which are the most likely infections to have the potential to threaten people living in the United States.

Air Medical Communications within Boston MedFlight

Suffolk

Kenneth Panciocco, Jr, EMT, CFC

Learn how Boston MedFlight operates and how Boston MedFlight and the Air Medical industry in New England works together. This would seem like an easy concept, but it is not always easy in the air medical industry. This talk will explain how Boston MedFlight and North East Air Alliance have been doing this since 1989.

“Get the door it's....EMS”

Simmons

Frank Caria, MPA, EMT-CC

Would you ever imagine that pizza delivery and EMS share something in common? Using examples from leading companies we will explore how significant changes in EMS are here and how to keep certain service goals in mind while adapting to them. We will discuss elements that support any program, identify common issues, and describe how these effect the current and future strength of your organization while keeping quality of care in mind. Managers, aspiring leaders, and college administration, anyone who helps to support your program in any role is urged to attend.

Critical Incident Psychological Support: Are you Ready?

Provincetown

Tom Greenhalgh, Jr, NREMT-P, MSW, MACJ

School shootings, domestic violence, terrorist activities...all events that now exist within the collegiate environment. Collegiate EMS is being tasked with responding to events of magnitudes greater than ever seen before. These groups have stepped up to meet these challenges, but what is being done to support them in the aftermath? Are we responding to our EMS providers in a way that fully supports what we now ask them to do? In this presentation attendees will look at the Rescuer Personality common to many EMS providers as a basis of “who we are”. We will also look at the CISM response in support of the MIT EMS agency, including what was done, the “whys” of how interventions and support teams were chosen, and lessons learned. Lastly, we will look at how to begin a strategic assessment in the aftermath of an event and some of the interventional tools available to support our EMS providers.

Skills Lab: Code Resource Management

Regis

Pit Crew, Tag Team, or All Hands on Deck?

Benjamin Lawner, DO, MS, EMT-P, FACEP

"I'm clear, you're clear, everybody's clear!!!" Current research has changed the way in which prehospital providers manage the victim of sudden cardiac arrest. Work with your colleagues and lead a code team

Conference Schedule - Sunday, March 2, 2014

through a simulated resuscitation event. Attendees will have the opportunity to observe and participate in various resuscitation strategies.

Roundtable: Startup

Vineyard

Daniel McConnell, NCEMSF Assistant Startup Coordinator and

Stephen J. Lanieri, NCEMSF National Coordinator

This roundtable discussion will be devoted specifically to aiding new startups in applying all that they learned at this year's conference and helping them determine the next steps in furthering their organizations as they prepare to return to their campuses.

12:30 pm - 1:30 pm Final General Session - Closing Keynote

Salon E/F

Boston Marathon Bombing: Making the Right Call

Alasdair Conn, MD, FACS, FACEP

Preparations for the coordinated disaster response on 4/15/13 began with the learning on September 11, 2001 that the Boston coordinated disaster plan was not prepared for a similar event in Boston. Multiple drills over the subsequent years improved coordination and helped provide the extraordinary survival experienced on Marathon Monday. A time frame for the events from one hospital (Mass General) will be presented, together with the factors that led to this dramatic survival rate. Lastly, how the lessons learned will be translated into a potential change in national policy for disaster response will be discussed.

1:30 pm - 2:00 pm Conference Wrap-Up

Salon E

NCEMSF leadership will 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*.

SEE YOU NEXT YEAR — February 27-March 1, 2015!

Continuing Medical Education (CME) Credit Information

Get Continuing Education Credit for the lectures you attend!

All NCEMSF conference sessions are eligible for continuing medical education credit. A maximum of 14 hours of CME are available for those that attend an educational offering every hour of the 2014 conference. In order to receive certification for your conference attendance and the sessions that you attended, please follow the directions below:

- At the conclusion of the conference, login to the NCEMSF website with your personal credentials (NCEMSF username and password) and complete the online post-conference evaluation form (CME link on the conference webpage).
- The online form provides opportunity to select, evaluate, and claim credit for the sessions that you actually attended. Attendees are reminded to claim credit only for those sessions in which they actually participated. Only one credit can be claimed per conference hour.
- After the feedback form is submitted, wait a few minutes and then click on the "My CME Records" link on the main menu and the NCEMSF server will generate and display a personalized PDF file with the sessions you attended including lecture title, 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.

Boston, MA - Welcome to Bean Town!

Once considered ultra-conservative and boring, Boston has become a world-class metropolis with endless ways to educate, enthrall, entice and, of course, entertain. Vibrant nightlife and a surge of innovative restaurants have added options to an existing stable of world-class museums and theaters.

Museums and Galleries

Boston has a magnificent selection of art complexes—large to small, American to Asian, local to national. Many museums offer specials and discounts for students. Boston's enormous Museum of Fine Arts and the Isabella Stewart Gardner Museum are the best-known and most popular. Everyone loves the New England Aquarium and the Museum of Science, with its theater and planetarium. Newbury Street, South End and Brookline boast a diverse array of galleries, many of which showcase the region's up-and-coming artists.

Theater and Music

Boston has dozens of theaters, including outstanding regional theaters and venues for touring Broadway shows. The Wang Center for the Performing Arts, the American Repertory Theatre and the Charles Playhouse are among the better-known. There is also a lively and varied music scene, including the world-renowned Boston Symphony Orchestra, which performs at Symphony Hall. Jazz clubs range from sleek hotel venues such as Scullers and the Regattabar to lively, standing-room-only favorites like Wally's Cafe and Bob's Southern Bistro. Irish music is also very popular, with live Irish seisiuns occurring almost nightly at the Brendan Behan Pub, The Burren and the Grand Canal.

Nightlife

Boston has many options for the music lovers, young professionals and hipsters who enjoy the varied nightlife. A word to night owls: All establishments close promptly at 2a and the MBTA stops running at 12:45a. Lansdowne Street, located next to Fenway Park, boasts various clubs, each with a different theme. Avalon, which is the largest, boasts an impressive list of visiting DJs and live acts. For a more polished atmosphere, consider the Leather District. Off the beaten path between South Station and Chinatown you will find numerous places catering to a cosmopolitan crowd.

Getting Around Boston

If you drove to the conference, we recommend parking and leaving your vehicle until you are ready to depart - walk, take a taxi or utilize public transportation. (NOTE: Parking at the Marriott is \$49/day - includes in/out privileges; other local/cheaper options may exist).

Marriott Copley Place: (617) 236 5800
110 Huntington Ave

The T (MBTA): www.mbt.com
Boston's subway system, rates as the fastest way to scoot around. The T stops running at 12:45AM. Fares are \$2/ride with a CharlieCard. The color-coded lines are easy to decipher.

- **Red Line** slices through downtown in a northwest/southeast direction servicing Harvard Square, MIT and South Station.
- **Green Line** wanders in a west/east direction accessing the Boston Common, Copley Square and Fenway Park.
- **Blue Line** juts in a northeast/southwest direction stopping at Logan Airport, Suffolk Downs and the NE Aquarium.
- **Orange Line** drifts in a north/south direction depositing passengers at such noted stops as North Station, the Fleet Center and Chinatown.

Taxi

Taxis are readily accessible, yet expensive when compared with other forms of transportation.

Metro Cab (617) 787 5438
Town Taxi (617) 536 5000



Lunch and Dinner Options

After a full morning, take a brief break to refuel. For lunch, we recommend one of the eating establishments in the food court in the Shops at the Prudential Center (800 Boylston Street - www.prudentialcenter.com). There are plenty of options to fit any appetite and budget.

The hotel also has two restaurants - Champions and Connexion Lounge - as well as a Starbucks in the lobby that are open for both lunch and dinner.

For dinner, we encourage you to venture out, explore Boston and grab a bite at one of the many Boston restaurants - partial list included, please consult the concierge or your favorite app for ideas. In addition, to those listed, there are a plethora of little restaurants and pubs along Boylston Street. Group up with another squad and eat together. After dinner, join your fellow NCMSFers at Club NCMSF and Casino!



The hotel is conveniently located on the T's Orange Line easily connecting you the entire city.

THE SHOPS AT PRUDENTIAL CENTER—EATERIES

FOOD COURT

Boston Chowda	Food Court	617-859-5904	Soup
Chacarero	Food Court	617-425-0030	Chilean
Cheeseboy	Food Court	617-266-7474	Grilled Cheese
Flamers	Food Court	617-247-9502	Burgers/Chicken
Panda Express	Food Court	617-267-7977	Chinese
Paradise Bakery & Café	Food Court	617-267-3335	Bakery
Poulet	Food Court	617-267-5200	Chicken
Qdoba Mexican Grill	Food Court	617-859-9233	Mexican
Regina Pizzeria	Food Court	617-424-1115	Pizza
Sarku Japan	Food Court	617-236-0009	Japanese

RESTAURANTS

5 Napkin Burger	Huntington Ave	617-375-2277	Burgers
Au Bon Pain	Hynes Court	617-421-9593	Bakery
California Pizza Kitchen	Back Bay Arcade	617-247-0888	Pizza
Haru	Huntington Ave	617-536-0770	Japanese
L'Espalier	Mandarin Oriental	617-262-3023	French
Legal Sea Foods	Boylston Arcade	617-266-6800	Seafood
P.F. Chang's China Bistro	Belvidere Arcade	617-378-9961	Chinese
The Cheesecake Factory	Huntington Ave	617-399-7777	American
Top of the Hub	Prudential Tower	617-536-1775	Contemporary
Tossed	Hynes Court	617-424-8677	Salad
Towne Stove & Spirits	Boylston Street	617-247-0400	Contemporary
Wagamama	Fashion Court	617-778-2344	Noodles

OTHER EATERIES

Ben & Jerry's	Food Court	617-266-0767	Ice Cream
Cold Stone Creamery	Belvidere Street	617-262-0251	Ice Cream
Crazy Dough's Pizza	Belvidere Arcade	617-262-6900	Pizza
Crumbs Bake Shop	Hynes Court	617-262-5100	Bakery
Dunkin' Donuts	Hynes Court	617-536-3521	Bakery
Fruitata	Hynes Court	617-982-6147	Smoothies
Pinkberry	Fashion Court	617-236-2294	Yogurt
Shaw's Supermarket	Shaw's	617-262-4688	Supermarket

BEST OF BOSTON 2013

(www.bostonmagazine.com)

Best Back Bay Restaurant:

The Salty Pig

Best BBQ:

Sweet Cheeks

Best Burger:

JM Curley, Tasty Burger

Best Burrito / Taco:

El Triunfo / Taqueria Jalisco

Best Chowder:

B&G Oysters

Best Deli / Sandwich:

Michael's Deli / Cutty's

Best Dumplings:

Dumpling Cafe

Best French Fries / Hot Dog:

Saus / Simco's

Best Lobster Roll:

James Hook and Co

Best Pizza:

Santarpio's Pizza

Best Ramen / Sushi:

Uni sashimi Bar / Avana Sushi

Best Seafood:

Island Creek Oyster Bar

Best Steakhouse:

Grill 23

Best Vegetarian:

My Thai Vegan Café

Best Craft Beer / Dive Bar:

Lord Hobo / Biddy Early's

Best Irish Pub:

James's Gate

Coming early? Staying Late? - www.thefreedomtrail.org

The Freedom Trail, a 2.5 mile red brick path that connects sixteen nationally significant historic sites where American patriotism and democracy were born, runs between Boston Common, the Old State House and The Bunker Hill Monument and the U.S.S. Constitution.

The Boston Common - America's oldest public park, situated on 44 acres of open land, was used as a common pasture for grazing cattle. The Common later became a "training" field for the militia and was used as a British Army camp.

The State House - Completed on January 11th, 1798, and widely acclaimed as one of the more magnificent and well-suited buildings in the country, the State House is the seat of Massachusetts' state government.

Park Street Church - Ten people, including author Oliver Wendell Holmes, gathered in the mansion of William Thurston on Beacon Hill on February 27th, 1809, to discuss the organization of a church in this area. By mid-March, the committee had located this site and the Park Street Church was founded. "America" (My Country 'Tis of Thee), by Samuel Francis Smith, was first sung here.

Granary Burying Ground - The final resting place of many eminent Revolutionary era patriots, such as Samuel Adams, Peter Faneuil, Paul Revere, and John Hancock.

King's Chapel - In 1688, the Royal Governor built King's Chapel on the town burying ground when no one in the city would sell him land to build a non-Puritan church. By 1749, the building was too small for the congregation and America's first architect, Peter Harrison, was hired to design a church "that would be the equal of any in England." The new church was completed in 1754.

King's Chapel Burying Ground - is the final resting place of some of Massachusetts Bay Colony's most prominent citizens - John Winthrop, the Colony's first governor; William Dawes, Jr., who rode with Paul Revere to Lexington and Concord; and Mary Chilton, the first woman to step off the Mayflower in Plymouth Colony.

Benjamin Franklin's Statue/Site of the First Public School - As you follow The Freedom Trail down School Street, you will notice a half-smiling, half-serious statue of Benjamin Franklin outside the Old City Hall and a plaque on the sidewalk, marking the site of the first Public School, Boston Latin School (1635), which is still in operation in the Fenway neighborhood of Boston.

Old Corner Bookstore Building - At the Corner of School and Washington Streets, it was a flourishing literary center in the mid-1800s. The original building was destroyed by the Great Fire of 1711, and was replaced by the current structure built in 1718.

Old South Meeting House - Built in 1729, Old South Meeting House was a Puritan house of worship. It was from here that an outraged Samuel Adams gave the signal to proceed with the Boston Tea Party.

Old State House - was the headquarters of British government in Boston. It was just outside these doors that the Boston Massacre unfolded in 1770, and from this balcony that the Declaration was first read to the people in 1776.

Faneuil Hall - The "Cradle of Liberty," Faneuil Hall was built by wealthy merchant Peter Faneuil in 1742 and given to the town as a gift as an open forum meeting hall and marketplace. Here, Bostonians protested the British taxation policies and set the doctrine of "no taxation without representation."

Paul Revere House - The Revere House was home to silversmith and patriot Paul Revere when he made his famous ride in 1775.

Old North Church - On April 18th, 1775, Robert Newman, sexton of the Old North Church displayed two lanterns to warn Paul Revere and others of the British troop movements. Paul Revere's famous "midnight ride" began with that signal, and so did the American War for Independence.

Copp's Hill Burying Ground - is the final resting place of merchants, artisans and craft people who lived in the North End. Because of its height, the British used this vantage point to train their cannons during the Battle of Bunker Hill.

U.S.S. Constitution - The oldest commissioned warship in the world became known as "Old Ironsides" during the war of 1812 when she fought the British Frigate H.M.S. Guerriere. The Guerriere sank like a stone, while the cannonballs she fired at the U.S.S. Constitution merely "bounced off."

Bunker Hill Monument - "Don't fire until you see the whites of their eyes!" This famous order, attributed to Colonel William Prescott, has come to immortalize the determination of the ill-equipped Colonists facing the powerful British Army during the famous battle fought on this site on June 17, 1775. A 221-foot granite obelisk denotes the site of the first major battle of the American Revolution.



Presenter Bios

Benjamin N. Abo, DO, EMT-P

Ben is a man without borders who still gets excited over hearing and seeing woo-woos and bling-bling. With an undergraduate degree in Emergency Medicine from the University of Pittsburgh, he then went on to graduate from medical school at Touro University College of Osteopathic Medicine in San Francisco. With over 16 years of international emergency medicine/EMS experience, Ben remains active in research, education, speaking engagements, and consulting. His strong interest in international emergency medicine has lead him to a career as an EM physician as he currently is an EM resident at Mount Sinai Medical Center in Miami Beach. Ben is also the president and founder of U.R.G.E.N.T. (www.URGENT-Aid.org), a nonprofit organization charged with developing emergency care and access to care in developing countries. Clinically beyond residency, Ben remains active with FL-5 DMAT disaster team and enjoys remaining "MD-5" for Burke County Emergency Services in North Carolina."

David Adler, NREMT-P

A former United States Army combat medic, David Adler is a decorated police sergeant with 22 years of service. He has held leadership positions in various and diverse venues, including the US Army, police patrol divisions, and a multi-jurisdictional narcotics task force. He has taught at levels ranging from the EMT-Basic class to the Military Contingency Medicine program conducted by the Uniform Services University of the Health Sciences. A member of the University of Pennsylvania Police Department's Emergency Response Team, David currently serves as the team's tactical paramedic and leads its tactical emergency medicine program.

Lisa Basgall, LP, NREMT-P, MA

Lisa Basgall is a staff member at Rice, serving as the EMS Director, and is a Lecturer in the Wiess School of Natural Sciences. Prior to working at Rice, she worked as a paramedic and EMS educator in the Greater Philadelphia area for ten years. Lisa has a Bachelor's degree from Marquette University and a Master's in arts from Villanova University.

Ray Bennett, RN, BSN, CFRN, CTRN, NREMT-P

Ray Bennett been an EMS provider since 1979, initially serving for a volunteer agency, then as a paramedic since 1983. He graduated from nursing school in 1985 with experience in emergency and critical care. Since 1997, he has been working as a specialty care ground transport nurse in systems that allow the SCT teams to also provide 911 ALS/BLS services. In 2011, he started flying with an air medevac service. Ray has taught internationally in Portugal and Korea for the Emergency Nurses Association and was awarded with the NJ OEMS Office Outstanding Educator award in 2011.

Jonathan Blatman, NR-P

Jonathan is a graduate of West Chester University with a BS in Health Sciences, as well as a paramedic in suburban Philadelphia, working as a street and critical care transport provider. In EMS since 1999, he's served as an educator, preceptor, and as an ALS and BLS provider.

H. Bucky Buchanan

Chief Buchanan is currently the Operations Chief with Clinton First Aid & Rescue Squad in Central NJ. He also holds the position of State Staging Manager with the NJ EMS Task Force's Incident Advance Team. Bucky recently served as one of the

Managers for the NJ/NY Regional EMS Multi-Agency Coordination Center in support of Super Bowl 48.

Frank Caria, MPA, EMT-CC

Frank has been involved in EMS for more than 17 years. He has extensive experience in developing, enhancing, and promoting EMS programs and its related elements and continues to be an active provider. While under his command, Dix Hills Rescue (Long Island) received the NY State EMS Agency of the Year. He earned his Masters Degree in 2003, and his Certification in Healthcare Compliance in 2009. He obtained his BA from Muhlenberg College where he also was the founder of its EMS program. He is employed as a Senior Compliance Officer for the New York City Health and Hospitals Corporation.

Alasdair Conn, MD, FACS, FACEP

Dr. Conn received his MD degree from the University of Edinburgh in 1971 and moved to Baltimore to help establish the Shock Trauma Unit. He became the Medical Director of the Maryland State Police Aviation Section and the EMS Director for the State of Maryland before moving to Boston to start the Boston MedFlight program. He worked at Boston Medical Center before assuming the post of Chief of Emergency Medicine at MGH, a post he held for 25 years. He participated in the "EMS for the Future" document in 1996 and is still actively involved in EMS-related matters.

Adam Darnobid, MD

Dr. Darnobid is an EMS Fellow at the University of Massachusetts, Department of Emergency Medicine. He is actively involved in physician field response in his local community as well as providing continued on and off-line medical direction. Utilizing his skills as a flight physician he is continuing in his pursuits of aeromedical research and quality. As well, with podcasts he has enjoyed educating many people regarding prehospital intubations and the EMS subspecialty itself. After volunteering as a physician at the Boston Marathon, Dr. Darnobid had the opportunity to explore and discuss how care is provided in challenging environments.

Teresa Deak, MD

Teresa Deak is an Emergency Medicine physician who currently practices at Mountain View Regional Medical Center in Wyoming, Lincoln Medical Center in Tennessee, and Bon Secour St Francis Health System in South Carolina. She did her residency at North Shore - Long Island Jewish Medical Center. She received her medical degree at Northeastern Ohio Universities College of Medicine. Throughout her career, Dr. Deak has been actively involved in teaching.

James Domaldo, EMT-P

Jim Domaldo has worked at Boston EMS for the past 27 years. He is currently a Captain assigned to the Professional Standards Division. He started as an EMT and has worked in an ambulance and Dispatch Operations. He has worked many special events for the City of Boston including The Boston Marathon, Boston's First Night, Boston's 4th of July Celebration and many parades for our champion Boston sports teams.

Peter Dworsky, MPH, EMT-P

Peter is responsible for injury prevention programs, reducing workplace injuries, and Risk and Emergency Management for MONOC Mobile Health Services. He has an MPH in Health Systems Administration and a BS in EMS Management; he is an OSHA Certified Safety Professional and a Healthcare Risk

Presenter Bios

Manager. Peter is a member of the EMS Safety Foundation and serves as the Safety Officer for the NJ State EMS Task Force and is the sub-chair for the State's EMS Safety Committee. Additionally, he is the Secretariat for International Paramedic.

Amy Eisenhauer

Amy Eisenhauer has been an EMT in New Jersey for over 17 years working in both volunteer and professional roles within the EMS community. She is also an educator and functions as the training officer for a local EMS agency. Amy is currently pursuing her Bachelors degree in political science. She hosts a blog on EMS in the hopes of engaging providers and improving the EMS community as a whole.

Mark Escott, MD, MPH, FAAEM, FACEP

Dr. Mark Escott was a founder of Rice EMS. After leaving Rice, he studied medicine at Flinders University School in Adelaide, Australia. He completed his residency in Emergency Medicine at Penn State University and earned a Master's degree in Public Health at the University of Houston. Dr. Escott is currently an Assistant Professor and the Co-Director of the Division of EMS and Disaster Medicine at Baylor College of Medicine. He serves as the Medical Director of Rice EMS and of Montgomery County Hospital District.

Andrew Farkas

Andrew is a critical care transport nurse and paramedic with 20+ years of industry experience in the New England area. He currently holds a senior leadership position at Boston Medflight that includes oversight of daily operations, external partnerships and regulatory compliance. He is also a site surveyor for the Commission on Accreditation of Medical Transport Systems.

Mark Forgues, MEd, EMT-P

Mark Forgues has 30+ years of EMS experience in municipal, hospital based, volunteer, private, fixed wing, collegiate and fire-based EMS agencies. Mark is a nationally and internationally known speaker and author. He is presently the Director of Medical Resources Group, LLC, an education and consulting firm; the Technical Director of the Massachusetts Institute of Technology EMS and Harvard Crimson EMS, and is a per diem paramedic with Wayland Fire Department Advanced Life Support, a regional ALS intercept service.

Michael Frakes, APRN, EMT-P

Michael is a paramedic and critical care transport nurse with Boston MedFlight.

Jason Friesen, MPH, EMT-P

Jason is the Founder and Director of Trek Medics International, a nonprofit organization that improves emergency medical systems in developing countries. Jason is a paramedic by trade and has been working in international development since 2003. He is originally from the NYC-area and has spent many years living in Central America, the Caribbean, and Europe, working for a number of recognized international humanitarian organizations including Project HOPE where he was the Haiti Country Director until mid-2012. Aside from ambulance operations and EMS management, he has also worked as a flight medic and paramedic instructor, a contributing author for EMS publications, and provides consulting for a range of global health initiatives in both systems development and disaster response.

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

In the areas of sexual assault and intimate partner violence prevention, Eric Marlowe Garrison has devoted two decades to training EMS providers, police, firefighters, doctors, medical students, fraternities and sororities, resident assistants, and college athletic teams around the world - from Oxford, Mississippi, to Oxford University. As a consultant sexologist with international acclaim and an international, 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 (including his bonus leadership workshop!) on Saturday. If you see him around the hotel, please introduce yourself; he loves hearing from our members and will arrange to meet with you over the weekend. You also can find out more about him, invite him to speak to your university and crew, and obtain his lecture notes through www.ericmgarrison.com.

Jonathan Gates, MD, MBA

Dr. Gates is a graduate of Cornell University Medical College with a residency in general surgery at Beth Israel Hospital in Boston, MA. This was followed by fellowships in general surgery and cardiac surgery at Beth Israel and a fellowship in vascular surgery at Brigham and Women's Hospital. He has been in practice at Brigham and Women's Hospital since 1991. He is Chief of the Trauma Service and a vascular surgeon.

Stephen Gerber, MSHS, NREMT-P

Stephen Gerber is a paramedic with the DC Fire & EMS Department, a volunteer paramedic in Calvert County Maryland, and a former Coordinator of George Washington University's Emergency Medical Response Group (EMERG). Stephen started his career in EMS with EMeRG in 2006 and began paramedic school while still enrolled as an undergraduate. During his time as the EMeRG Coordinator he helped EMeRG strengthen its relationship with the City of Washington. Since then he has remained committed to advancing his career in EMS, earning a Master of Science in Health Science as well as several instructor certifications.

Alethea Granberg, MSM, NREMT-P, EMT I/C

Alethea started her career in EMS during high school, becoming an EMT in Pennsylvania. When she came to Boston University as an undergraduate she started working as an EMT with BUEMS in athletic facilities around campus. In 1997, she joined the teaching staff and has taught CPR, First Aid, First Responder, Initial EMT and continuing education classes at both the BLS and ALS levels. Alethea has been a volunteer EMT on a squad in PA, has worked as an EMT and Paramedic for a 911 service in suburban Boston and is an EMT examiner in Massachusetts.

Tom Greenhalgh, Jr, NREMT-P, MSW, MACJ

Tom Greenhalgh has been involved in the Public Safety field for 32 years. Currently employed as a Police Lt./Paramedic, Tom is the Co-Director for the Greater Lowell CISM Team in Massachusetts, a Faculty member with the International Critical Incident Stress Foundation (ICISF), a Faculty member with the Resilient Sciences Institute, and is a Peer/Staff member of the On-Site Academy. He holds a M.A.C.J. and a MSW, with an emphasis on public safety and military issues. Tom serves as the co-founder and Executive Director of

Presenter Bios

National Public Safety Solutions Inc. and is a founding member of the U-Mass Lowell EMS program.

Danielle Gruen

Danielle is a PhD student at MIT. She got her start in EMS as a WEMT in Wyoming and went on to work as an EMT for Penn State EMS for three years. After graduating, she worked as a research specialist in the Department of Emergency Medicine at the University of Pittsburgh and volunteered for a local ambulance service in the Pittsburgh area. She currently volunteers for MIT EMS. Danielle gets easily excited about microbes, rocks, rock climbing, Mars, and EM.

Michael Guttenberg, DO, FACEP, FACOEP

Michael Guttenberg is an Assistant Professor in Emergency Medicine at the Hofstra University North Shore-LIJ School of Medicine and the Chairman of Emergency Medicine at North Shore Forest Hills Hospital in New York City. Dr. Guttenberg's career in EMS and Emergency Medicine has included The Fire Department City of New York EMS Fellowship (an on site Medical Director on 9/11/01), Chair of the New York City REMAC Medical Standards Committee, Board of Directors of NY Chapter of the American College of Emergency Physicians (ACEP), and Chair of the NYACEP EMS Committee. He has published several abstracts and articles related to disaster preparedness and pre-hospital care. He is a former NYC Paramedic and former Director of the Brandeis Emergency Medical Corps.

Mariah Henderson

Mariah Swiech Henderson graduated from Brandeis University in 2012, with a BA in psychology and vocal performance. There, she served three years on the Brandeis Emergency Medical Corps (BEMCo), with one year as the Training Officer. She currently works as a clinical assistant in an emergency room and an EMT for a private ambulance company, both in the Boston area. Ms. Henderson will be attending Northeastern University's Physician Assistant Program this August.

Margaret Houghton, EMT-P

First licensed in 2005, Margaret continues to be an active ALS provider on Mt. Desert Island, Maine. Administratively, she serves as Crew Chief for Northeast Harbor Ambulance and Training Officer for nearby Southwest Harbor-Tremont Ambulance Service. Additionally, raising her 5 children on nearby Cranberry Island, Margaret was a founding member and instrumental in establishing a viable EMS service on this small offshore community.

Shane Jenks, MD

Shane Jenks is currently Assistant Professor of Emergency Medicine at Baylor College of Medicine and also an EMS fellow with BCM and Cypress Creek EMS. He works closely with his local collegiate EMS agency, Rice University EMS where he serves as Assistant Medical Director. Dr. Jenks is also obtaining a Master's of Education from the University of Houston. He is especially excited about cardiac arrest resuscitation and innovating EMT education.

Michael Kelley, RN, BSN, EMT-P

Mike Kelley currently works as a charge nurse in the Emergency Department and Intensive Care Unit at Concord Hospital in Concord, NH. He is also a nurse in the Vermont Army National Guard, assigned to Company C Med 186th BSB, 86th ICBT. Prior to being a nurse in the Army, Mike was a flight medic in the

Army National Guard and spent close to a year deployed to Baghdad, Iraq as a flight medic.

Maimoona Khan, MD

Maimoona Khan is in her final year of residency at the emergency medicine residency program at Baylor College of Medicine. She has been fortunate enough to have been given the opportunity by BCM to get involved in a healthcare project in Pakistan. Born and raised in Pakistan, Dr. Khan came to the United States when she was 19 years old. Being intimately familiar with the shortcomings of the healthcare delivery system in Pakistan, this project is her first step in fulfilling her dream of making considerable contributions to improving the delivery of health care in developing countries.

Scott Kier, NREMT-P

Scott got his start in EMS at the age of 15 in Ocean County, NJ. His career has led him through 4 years in a college EMS environment, 7 years as a field supervisor in a large New England city, and now back to the streets as a County paramedic in Delaware. Scott is now a well known blogger and podcaster in the EMS community.

James Kish, RN, BSN, CEN, CFRN

James Kish is a 2009 graduate of DeSales University and a founding member of DeSales EMS in Center Valley, PA. Currently, James is a flight and critical care transport nurse with Lehigh Valley Health Network-MedEvac with a background in emergency department nursing. He also is a Pre-Hospital Registered Nurse (PHRN) with the City of Allentown Paramedics and Cetronia Ambulance Corps in Allentown, PA. James currently serves as a Lieutenant at the Woodlawn Fire Department in South Whitehall Township, PA.

James Kutz

James Kutz is an 18 year veteran of the fire service with 12-years as a career firefighter and lieutenant with the city of Allentown, Pennsylvania. He is assigned to Rescue/Engine 9 at the Central Fire Station. James is also a hazardous device technician on the Allentown Bomb Squad. He is certified as an EMT-Basic and is an EMT instructor as well as a suppression instructor for the Commonwealth of Pennsylvania.

Cory LaFontaine

Cory started his cycling career working both for a volunteer ambulance service as well as on a college campus as a Public Safety Patrol Officer. Having a passion for teaching and biking, Cory trained to become certified as an IMPBA Police / EMS cycling instructor. He has had the opportunity to ride as a full time Public Safety Cyclist as well as work dozens of special events in various venues. Cory also volunteers as a Firefighter Engineer in the largest all volunteer Fire Department in the State of Connecticut.

Tim Lanese, RPh, MBA, EMT-P, EMSI, FASHP

Mr. Lanese is a pharmacist with 30+ years of experience in hospital administration. He is also an Ohio Paramedic and EMS instructor with an extensive background in EMS education, and exercise planning. He is a graduate of Ohio Northern University (Pharmacy), John Carroll University (MBA) and Lakeland Community College (Emergency Management) and is currently a Solutions Consultant for Allscripts, a provider of Electronic Health Records.

Presenter Bios

Benjamin Lawner, DO, MS, EMT-P, FACEP

Dr. Lawner began chasing ambulances in 1994 during a basic emergency medical technician course offered at Broward County (FL) Community College. He subsequently finished paramedic school and worked with Alachua County Fire Rescue as a firefighter/paramedic. At the University of Florida, Dr. Lawner founded and supervised the state's first EMS bicycle based response squad. He provides medical direction for local paramedic training programs and serves as the Deputy Medical Director for the Baltimore City Fire Department. Dr. Lawner is an attending emergency department physician at the University of Maryland Medical Center and is a life member of the NCEMSF.

Jacqueline Lawrence, NREMT-P

Jacqueline Lawrence is the current Managing Director of EMS at Montclair State University. With 10 years of experience in EMS, she has taken on many roles over the years. Jacqueline Lawrence holds certification as both a Nationally Registered and NJ State certified EMT-P, multiple instructor certifications in the EMS and fire services, as well as roles within the firefighting community. Jacqueline has also served in the capacity of Deputy OEM Coordinator for her local office. Currently holding her BS in Fire Science, she will be completing her Masters Degree in Emergency Management and Business Continuity this current semester.

Carly Levy, MPH, EMT I/C

Carly Levy is the Director of the online MPH program at MCPHS University. Her current teaching responsibilities include Health Policy and Management, Public Health Practice Experience, and Public Health Emergency Preparedness. She is a Doctoral student in Health Sciences at MCPHS University and earned both her MPH and BA in Biology and International Relations from BU. Carly has held many roles within EMS: developing, coordinating and teaching face to face courses for EMTs, serving in the MA Army National Guard, as an EMT in prehospital and hospital settings, and as an EMT Examiner. Carly also manages multiple ambulance service grants.

Daniel Limmer, EMT-P

Daniel Limmer is an EMT-Paramedic who has been involved in EMS and Law Enforcement for more than 30 years. He is a Lecturer at Central Washington University. Dan speaks at EMS conferences around the world. He is a co-author of several textbooks including Emergency Care, EMR Complete, the education standards Transition Series for EMT, AEMT and Paramedic, and EMPACT. He also develops smart phone and web-based review apps for the emergency service fields through his company, Limmer Creative LLC.

Joseph Lizza, MAEd

Joseph Lizza is a student affairs and higher education administrator and educator who is passionate about his field and working with students and their families. He is currently the Assistant Director for Campus Center Operations and Programs at The Richard Stockton College of NJ. He has worked in student affairs, specializing in the areas of student activities, facility operations, residential life, orientation, leadership development, and emergency preparedness. He has a Bachelor's degree in elementary and secondary education with a minor in public policy from Monmouth University, and a Master's degree in Higher Education Administration from Rowan University. Additionally Joe serves as the Assistant

Program Director for Stockton College EMS as well as a Lieutenant for the Hammonton Fire Department (NJ).

Daniel Maas

Dan Maas is the Emergency Manager for Cornell University Environmental Health and Safety and serves as supervisor of the Cornell University Emergency Medical Service, a student run, all volunteer BLS first response agency serving the Cornell campus in Ithaca, NY. Dan has been involved in emergency services and response for over 30 years with extensive experience in EMS, fire, technical rescue, hazardous materials, and emergency management. Dan has been a volunteer firefighter-EMT with the Ithaca Fire Department for the last 25 years and is a member of the Central New York Medical Reserve Corps.

Jeremy Marsh, RN, BSN, NREMT

Jeremy Marsh is a Registered Nurse with experience both in pre-hospital care as an EMT, and emergency medicine, critical care, and general medical-surgical specialties as an RN in a small rural hospital where critical thinking and assessment skills take priority. Jeremy served as the Deputy Chief of Personnel for Student EMS at Arizona State University before graduating from Northern Arizona University in 2013 with his Bachelor's of Science in Nursing. His areas of interest include prehospital care/ critical care transport, emergency department, perioperative services, cardiac cath lab, critical care, and flight nursing. He hopes to return to school one day to become a nurse anesthetist.

G. Gibson McCullagh, Jr.

Gibson McCullagh is the Systems of Care Coordinator for the Massachusetts Department of Public Health, Office of Emergency Medical Services. His roles at OEMS include policy development and implementation, strategic planning, evaluation of EMS educational programs, assistance with the certification and recertification divisions, and coordination of EMS-related healthcare systems including the new statewide Community Paramedicine and Mobile Integrated Healthcare initiative. He remains active as a paramedic and firefighter in Maine, especially during the summer months. He was the founding EMS Chief at Hobart & William Smith Colleges, graduating in December 2011.

Will McGill, PhD, NRP, CCEMT-P

Will McGill is a senior lecturer of information sciences and technology at Penn State University and is a practicing paramedic in State College, PA. His interests are in the use of games and simulations for medical education, particularly for prehospital providers. His expertise is in risk management and educational gaming and holds advanced degrees in engineering and emergency medical services.

Sean McMullen, CEP

Sean McMullen is an Arizona Certified Emergency Paramedic and a US Army combat medic. He has worked as a paramedic on a Phoenix-area ambulance, as an EMT at a regional pediatric Level I trauma center, and as a behavioral health specialist with the Phoenix Fire Department. In 2008, he founded Student Emergency Medical Services at Arizona State University, and served as its Chief for several years. Sean enlisted as a combat medic in the Arizona Army National Guard in 2009, and regularly serves as an instructor for the 996th Area Support Medical Company.

Presenter Bios

James L. Meisel, MD, FACP

Dr. Meisel is an Associate Professor of Medicine, academic hospitalist and internal medicine clerkship director at Boston University Medical Center. In previous lives he was a primary care physician at Massachusetts General Hospital and an emergency physician wannabe. He graduated from Brandeis University in 1985, where he helped found the Brandeis Emergency Medical Corps.

Mark E. Milliron, MS, MPA

Mark has been an EMS provider for 30 years, including 17 years with Penn State University EMS. A life member of NCEMSF, he served on the Board of Directors from its inception until 2011. While on the Board, he served as Chairman of the Temporary Governing Committee during the formal organization of NCEMSF, Treasurer, and Director-at-Large. He conceived and oversaw the Striving for Excellence in Campus EMS recognition program, promoting quality campus EMS organizations since the inception of the program in 1999. He holds master's degrees in public administration and health policy.

Joshua Moskovitz, MD, MPH, MBA, FACEP

Joshua Moskovitz is an Ex-Chief of the Stony Brook Volunteer Ambulance Corps and helped the group achieve New York State Agency of the Year. He is the former chair of the 2002 NCEMSF conference in Stony Brook and former EMT for the NYC EMS system. He completed his residency training in Emergency Medicine at the University of Maryland Medical Center/Shock Trauma Center, has a Masters in Public Health in emergency response and disaster preparedness from the Johns Hopkins Bloomberg School of Public Health, and an MBA in Health Care Administration from Zarb School of Business at Hofstra University. He is a practicing Emergency Physician and Assistant Professor of Emergency Medicine at the Hofstra North Shore-LIJ School of Medicine and Adjunct Assistant Professor of Public Health at Hofstra's School for Public Health.

Brian Orsatti

Brian Orsatti joined Boston University EMS as Assistant Manager in November 2013 after nearly 10 years as an Instructor in the EMT and EMS continuing education programs. He has worked in the healthcare field as a clinician and in management in hospitals starting 1989. He has spent 15 years working in EMS as both a full-time EMT and Trainer. As an experienced EMT with a passion for teaching, he brings understanding and energy to the management of BU EMS' programs. Brian keeps his clinical skills sharp by working per diem as an ED Technician or as an EMT on the ambulance.

Kenneth Panciocco, Jr, CFC

Ken has been a member of Boston MedFlight since 2000, and was NAACS Communicator of the year in 2006. Ken has been involved with Dispatch/Communications since 1988 after serving in the Marines.

Kenneth Piercey, RN, EMR IT, WFR

Ken Piercey is a nurse currently working as an Emergency Room Nurse in Hamilton, Canada. Ken has a background as an Outpost/Flight Nurse in the Canadian Arctic. Ken has been the Training Coordinator for the McMaster First Response Team, as well as the Medical Liaison to the McMaster Outdoor Club. Ken is the owner of Hard and Fast CPR and First Response Training. He instructs courses with the Canadian Red Cross, and Wilderness Medical Associates International.

Nicholas Piscitello, BSBA, MEd

Nick is a graduate from UMass Lowell and was part of the collegiate EMS program there during his undergraduate studies. He became an active member of the University Crisis Management Team 7 years ago when hired as the Assistant Director of Residence Life. Now, as the Associate Director of Administrative Services, Nick has oversees multiple departments and has been assigned with "turning them around" to improve efficiencies and create stronger teams. In 2009, Nick was asked to assist with the management and oversight of the UMass Lowell EMS program.

Charles Pozner, MD

Dr. Pozner is the medical director of the Neil and Elise Wallace STRATUS Center for Medical Simulation at Brigham and Women's Hospital and an Associate Professor of medicine in the Division of Emergency Medicine at Harvard Medical School. He attended Tufts University School of Medicine and completed a residency in internal medicine at Beth Israel Hospital in Boston, and a residency in emergency medicine at the UCLA Medical Center in Los Angeles. Board certified in both internal medicine and emergency medicine, Dr. Pozner became founding faculty of the Department of Emergency Medicine at Beth Israel Deaconess Medical Center in Boston, serving as the Director of Prehospital Care.

Rory Putnam, AA, NREMT-P

Rory Putnam, AA, NREMT-P, I/C is an Assistant Professor of EMS serving as the Clinical and EMT Basic Coordinator, Department of EMS at Northern Essex Community College, Lawrence, MA. He has served over 22 years in EMS in private service, municipal fire-based and federal government contracted EMS agencies and still works in the field as a Paramedic for Boothbay Regional Ambulance Service in Maine.

Noah Reiter, MPA, NREMT-P

Noah Reiter, MPA, NREMT-P is Director of Industry Solutions for Rave Mobile Safety. He has previously served in various public sector and public safety roles, including Assistant City Manager for the City of Sandy Springs (GA), EMS Director for Grady Health System (Atlanta), and as the Director of EMS, Security, and Emergency Preparedness for Lenox Hill Hospital (NYC). Noah was a co-founder and former Director of Rice University EMS. He holds degrees from Rice University and the University of Houston and is an active member of several professional organizations.

Gates Richards, MEd, WEMT-I, FAWM

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 NOLS Wilderness Medicine Institute, and has been teaching wilderness medicine around the world since 1998.

Ronald Roth, MD

Dr. Roth started his EMS career as an EMT with the University

Presenter Bios

Ambulance Service at Penn State a very long time ago. He then completed medical school and an Emergency Medicine residency at the University of Pittsburgh. He is currently the Medical Director for the City of Pittsburgh Department of Public Safety and Faculty advisor for the University of Pittsburgh Student EMS Interest Group. Dr. Roth and his colleagues staff a call center that provides medical direction for over 20 domestic and international commercial airlines.

Sheila Roth, PhD, LCSW, EMT-B

Sheila Gillespie Roth, PhD, LCSW, EMT is a Professor and Chair of the Social Work Department at Carlow University. Dr. Roth has been a member of the Carlow social work faculty for 20 years and teaches courses in social work practice with individuals, families, and groups. In addition, she teaches courses in crisis management and end of life issues for EMS providers. Dr. Roth has over 25 years of clinical social work experience, most of which has been in crisis management, health care and behavioral health settings. She has been a member of the Pittsburgh Critical Incident Stress Management Team, since 1986, and continues to be a Board member and participate as a behavioral health volunteer for the team. Her research interests include end of life issues and work family life balance for emergency service workers.

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 board certified practicing emergency medicine physician at North Shore-Long Island Jewish Medical Center.

Samantha Sawan

Samantha Sawan joined BUEMS in the Fall of 2010 as an undergraduate at Boston University. She worked in facilities and at events on campus, taking an increasing leadership role throughout her tenure. She also worked as an instructor until her graduation in May 2013. Each summer for three years, she worked as an EMT on a boat as part of a teenage summer sailing program. As a reflection of her professionalism and leadership skills she joined BUEMS as Assistant Manager in November, 2013. Samantha is currently enrolled in Paramedic school and looks forward to a long-term career in medicine.

David Schoenfeld, MD, MPH

David Schoenfeld is an Instructor of Medicine at the Harvard Medical School, and a Fellow in the Harvard Affiliated EMS Fellowship at Beth Israel Deaconess Medical Center. A graduate of Georgetown University School of Medicine, he went on to complete a residency in Emergency Medicine at the Harvard Affiliated Emergency Medicine Residency at Beth Israel Deaconess Medical Center as well as an MPH from the Harvard School of Public Health. Dr. Schoenfeld began his career in healthcare as an EMT, was a member of Tufts EMS, and is a lifetime member of NCEMSF.

Juliann Shih

Juliann Shih is a senior studying Computer Science and Molecular Biology at MIT. She has worked on the MIT Ambulance for a little more than two years and is currently the service's Maintenance Officer. She plans to eventually enter medical school but will likely work in the field of computational biology upon graduation.

Michael Slatore, NREMT-P, IPMBA-EMSC

Michael has been involved with Emergency Services since 1990, as a 911 Operator, Firefighter and Paramedic. He served in the military in one of the country's oldest Horse Mounted units. During his time in the military he has escorted Presidents, Governors, Foreign dignitaries and provided funeral escort to fallen soldiers. He currently works for Westport, CT Police Department, Division of EMS as a Paramedic Supervisor, EMS-Instructor, EMS Bike Unit Director and also instructs for the CT Police Academy. He also works for Lime Rock Park Race Track as a firefighter/medic providing on-track rescue for auto racing events such as NASCAR, ALMS Race Series & Grand-Am.

Noah Smith, MPH

Noah Smith is an EMS Specialist with the National Highway Traffic Safety Administration's (NHTSA) Office of Emergency Medical Services in Washington, DC where he focuses on EMS reimbursement policy, innovative system design and EMS data quality. He began his EMS career in college volunteering for his university's ambulance squad and his interest in emergency care policy led him to positions with the Department of Health & Human Service, the US Navy and NHTSA. He holds a Master's of Public Health in Health Policy and remains an active EMS provider for the Seat Pleasant Volunteer Fire Company in MD.

Dylan Soukup

Dylan Soukup is a senior at MIT pursuing a degree in Biology. He has worked with MIT EMS for his four years in college, serving as the Class Officer, Director of Professional Development, and the current Chief of the ambulance service. He plans to attend medical school after taking a year to conduct clinical research following his time at MIT. He ultimately hopes to pursue a career in trauma surgery or pediatric heart surgery.

Shaun St. Germain, NREMT-P

Shaun St. Germain is the Clinical Education Coordinator for the Emergency Medical Technology Program at the Community College of Baltimore County. He has been involved in EMS for over 25 years, and has served as a volunteer EMT, career firefighter, critical care paramedic, and field training officer. He holds his Associates degree in EMS from New Hampshire Technical Institute. He is currently pursuing his Masters in Education from Colorado State University. Shaun serves on the research committee of the National Association of EMS Educators and previously worked on the Community Paramedicine Taskforce with Maine EMS.

Steve Staffier

Steve Staffier is the Statewide Interoperability Coordinator for MA EMA. He serves as the SWIC, COMC, and COML statewide, and also as a member and team leader/coordinator for the State COMU Team. He has over 24 years of Public Safety Communications experience.

Graig "Giddy" Straus, APRN, FNP-EC, CEN

Straus has over 15 years of EMS experience. Currently, he serves as the training officer for Spring Hill Community Ambulance Corps in Rockland County, NY. This organization has a roster of over 100 members and is considered one of the top five busiest volunteer ambulance corps in NY State. For his full time job, he runs his own concierge medicine program in NYC as a Family NP with a specialization in Emergency Care from UMDNJ, now Rutgers. He is a life member of NCEMSF and former SUNY Stony Brook VAC volunteer.

Presenter Bios

Maximilian Tang

Maximilian Tang is a junior at MIT majoring in Mechanical Engineering and Neuroscience, and minoring in Biomedical Engineering. He is currently the Class Officer and Webmaster of MIT EMS. His current research is in developing dive-enabled prosthetics. He plans to work with Biomedical Devices in the future.

Keith Taylor, EMT-P

Keith Taylor is a 2007 graduate of Norwich University with a BA in History. While attending Norwich, Keith began his EMS career as a Norwich University EMS campus responder and a volunteer with Northfield Ambulance. Following graduation, he decided to continue his career in EMS and went to Paramedic School in Plantation, FL. After working as a Paramedic in Ft. Lauderdale, FL, Keith returned to Vermont where he now works as a Critical Care Paramedic for the Town of Barre EMS Department and White River Valley Ambulance.

Charles Warner, BSN, RN, NREMT-P, CCEMT-P

Charley started in EMS in 2005. He obtained a BS in Emergency Medicine from the University of Pittsburgh in 2012 and a BSN from the University of Pittsburgh: School of Nursing in 2013. Charley has been the project coordinator for the EMSARN research study since 2009, which studies EMS sleep & fatigue, safety, and teamwork. Charley resides in Pittsburgh and is an paramedic for Monroeville Fire Department #1, as well as an Assistant-Chief for Foxwall EMS. He also works as an EMS instructor for Pitt's School of Health and Rehab Science / Center for Emergency Medicine.

Abigail R. Williams, RN, JD, MPH, MS

Abigail Williams is the principal of Abigail Williams & Associates, PC in Worcester, MA practicing in medically related issues including medical malpractice, EMTALA, EMS liability and negligence, nursing home and assisted living negligence and legal issues involving disaster planning and emergency management and response. Ms. Williams has been involved in healthcare since 1977. She earned her Baccalaureate degree in nursing in 1986, her law degree in 1991, a Master degree in law and public health in 1996 and a Master in Science degree in emergency planning and preparedness in 2006. Ms. Williams' past clinical experience is in emergency department nursing and quality management oversight and she is an active member of the Rhode Island D-MAT as its safety officer. Ms. Williams has authored and published numerous medical articles

and books and serves on the editorial board for a major health magazine. She holds adjunct faculty positions at several colleges in New England and remains actively involved in healthcare risk management, emergency planning and response policy making and issue resolution. Ms. Williams is a nationally recognized lecturer on issues of health law, EMS law and disaster litigation and is an experienced trial lawyer.

James Wilmerding, MS, MEd, EMT-P

Jim began his educational career as a classroom teacher continuing on as a teaching principal and Headmaster at numerous schools throughout the South and Northeast. In the early 1990's, Jim and his family moved to an island off the coast of Maine where he remains active in a variety of educational endeavors instructing EMS classes and licensing programs as a Maine State Paramedic Instructor Coordinator. First licensed in 1985, Jim continues to work as a Per Diem Paramedic and administrator with the EMS services in his community. In 2010, he was awarded the prestigious State of Maine "Excellence in EMS" Award. Additionally, Jim volunteers his time with numerous non-profit organizations, and travels domestically and internationally with medical teams providing healthcare and EMS training to rural communities. He has recently completed his national certification as a Community Paramedic and is currently involved in The Maine Community Paramedicine Pilot Program.

Ari Winograd

Since 2008, EMS has been an evolving passion for Ari beginning with the Clark University EMS Squad. He has had continuing experience with Magen David Adom (Israeli National Ambulance Service) and Armstrong Ambulance Service. Holding positions ranging from Training Officer to Field Operations Manager, Ari has had the unique opportunity to see EMS from multiple angles and be part of the changing culture of the industry.

Joseph Zito, MD, MHA, EMT-P, FACEP

Joseph Zito attended Ross University for medical school, completed an EM residency at SUNY Stony Brook HSC and did a fellowship in trauma/critical care at North Shore-LIJ. He is a Firefighter/Paramedic with the Roslyn Rescue Fire Department.

IN MEMORIAM

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

Dr. Pryor, a great friend and mentor to NCESF, 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 NCESF 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

Edward Comeau

Edward Comeau is currently a junior in the Virginia Tech Chemistry department. As a sophomore, in 2012, Edward joined the Virginia Tech Rescue Squad (VTRS). Ed quickly became an EMT, driver, and then Attendant in Charge in the 2013 year. During this time Ed was appointed to the VTRS Membership Committee and will be serving on it for the 4th semester this year. Ed was voted President of VTRS for the 2013-14 academic year.

John-Paul "JP" Couce

JP is a 2013 graduate of Cornell University and a current AM/PhD candidate at Harvard University studying Government concentrating in international politics, researching the effects of economic sanctions on healthcare systems with a focus on post-embargo Cuban healthcare exceptionalism. Outside of the classroom, JP works as a paramedic in Greater Boston, volunteers with Harvard's CrimsonEMS, and hosts a very early/very late underground prog/punk/garage/swamp rock show (The Cambridge Special) on Harvard's 93.5-FM WHRB. JP enjoys long walks on the beach, can wiggle his ears, and claims to possess an omniscient knowledge of Presidential trivia running a gamut from George Washington's favorite color (verdigris) to Ronald Reagan's favorite jelly bean flavor (coconut).

Hannah James

Hannah is a junior at Cornell University majoring in Human Biology, Health & Society Major and minoring in Global Health. Hannah has had a longstanding involvement with EMS, and she first became certified at the age of 16 in New Jersey. She volunteered as an EMT at her township's first aid squad in Millburn, NJ and immediately became involved with Cornell University EMS (CUEMS) once she started college. Hannah has been active on the Executive Board of CUEMS since her Freshman Year, and she currently serves as a Crew Chief and the Promotions Officer. After graduating from college, Hannah would like to obtain a MPH/MD dual degree and work to improve emergency infrastructures in developing countries.

Jimmy Johnston

Jimmy is a senior at SUNY Oneonta studying Music Industry with a double minor in Business and Event Planning. In addition to serving as Captain of the Oneonta State Emergency Squad, he also serves as two-term President of the Oneonta Student Association. Jimmy plans to attend graduate school for Public Administration to pursue a career in the federal government.

Chelsea Katz and Hillary Li

Chelsea is a junior at Emory University majoring in Psychology and Chemistry. She was born and raised in Philadelphia, Pennsylvania, and wants to be a physician. Hillary is a senior at Emory majoring in Psychology and minoring in Ethics. She was born and raised in Portland, Oregon, and wants to pursue a career in global health. Chelsea and Hillary are both currently active medics for Emory EMS, and part of the unit's command staff (Katz—Chief of Operations; Li—Training Officer).

Jackson Langevoort

Jackson Langevoort is a senior at the Pennsylvania State University working towards a Bachelor of Arts in Criminology. In addition to being a crew member, trainee mentor and quality improvement officer with Penn State EMS, he is a volunteer with the Fairfax County Fire and Rescue Department, and hopes to pursue a career in some facet of the emergency services, either in law enforcement or as a paramedic.

Kyle Lewis

Kyle is a senior at Villanova University majoring in mechanical engineering. He serves as Captain of Villanova EMS (VEMS). He is also in the Naval Reserve Officer's Training Corps.

Ariel Low

Currently a senior undergraduate student at Dartmouth, Ariel is majoring in Geography modified with Anthropology and minoring in International Studies. Ariel hopes to go on to work in international disaster relief. Ariel is her second year serving as the Director of Operations for Dartmouth EMS. In addition to being an NREMT and a NH-EMT, she is also a crew chief with Katonah Bedford Hills Volunteer Ambulance Corps in New York.

Eliza Nguyen

Eliza is a senior at Harvard University concentration in History of Science. She is Chief of Harvard's Crimson EMS.

Angela Perfetti

Angela is a sophomore in the College of Arts and Sciences at the University of Pennsylvania, majoring in Modern Middle Eastern Studies. She is interested in medical practice, medical anthropology, and public health in the Middle East, specifically in family and women's health. Long-term, she would like to practice as a clinician-researcher with a focus on primary care. Angela joined the University of Pennsylvania MERT in the fall of 2013. Last semester, she was recognized by MERT for having the most on-shift hours among MERT's bike EMTs. Angela is now a lead EMT and directs crews while responding to and treating patients. As Training Officer, Angela organizes weekly trainings and prepares the team for large-scale campus events.

Mary Kate Shanahan

Mary Kate is a third year student at the University of New England working towards her Medical Biology: Pre-Physician Assistant degree. After becoming a nationally and Maine certified EMT in 2013, she fabricated UNE EMS's own public relations officer position and started working to increase UNE EMS' public relations. She hopes to continue her medical career into the field of pediatrics as a Physician Assistant. In her free time Mary Kate performs at Open Mic nights and works as a behavioral health clinician for children with special needs.

Grace Thole

Grace Thole is a senior at Boston University completing a dual degree for a Bachelor's of Arts in Biochemistry and Molecular Biology and a Master's of Arts in Biotechnology. Grace is a Massachusetts certified EMT-B and has been working for BUEMS as an EMT and EMS instructor for the past three years. On the operations staff, she is a Senior EMT and a Field Training Officer, responsible for training newly hired EMTs. For the BUEMS Emergency Response Education program, she is a Lead Instructor, teaching EMS skills and protocols to students. Grace also has primary care experience working as a Student Medical Assistant at the BU Student Health Services for three years. She plans to earn a Master's Degree in Public Health and eventually pursue a medical degree.

Rembrandt VanDruff

Rembrandt VanDruff has worked for UCLA EMS for over three years and enjoys providing care on the streets of sunny Los Angeles, CA. He is the Training Supervisor for UCLA EMS.

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 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 Doctor of Osteopathy 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 Chromatography & Mass Spectrometry 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 trauma and surgical critical care fellow in the Division of Traumatology, Surgical Critical Care and Emergency Surgery at the Hospital of the University of Pennsylvania. He completed his general surgery residency at Thomas Jefferson University Hospital in Philadelphia, PA. He received his Doctor of Medicine degree 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 VMSC of Lower Merion and Narberth. 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, MS

Michael Wiederhold, NCEMSF Treasurer, is a healthcare administrator who has worked at one of the largest healthcare systems and the largest hospital in the United States. 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, he volunteered as an NREMT-I with Emory EMS and 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 and has served as Treasurer since 2001.

Michael T. Hilton, MD

Michael Hilton, Director-at-Large, is a Clinical Instructor of Emergency Medicine and an EMS Fellow in the Department of Emergency Medicine at the University of Pittsburgh School of Medicine and a Master of Public Health student in the University of Pittsburgh Graduate School of Public Health. He completed his emergency medicine residency at the University of Pittsburgh Medical Center in 2012. He received his Doctor of Medicine degree from the University of Pittsburgh School of Medicine in 2009 and his Bachelor of Arts degree from Columbia University in 2005, where he served as Captain of Columbia University EMS. Currently, he is an advisor to Pitt Student EMS and medical director of Carnegie Mellon University EMS. He is the 2012 recipient of the Society for Academic Emergency Medicine/Physio-Control EMS Research Fellowship. He is currently involved in EMS research, EMS education, medical direction and field response as a City of Pittsburgh EMS Physician and STAT MedEvac flight physician. Michael became involved with NCEMSF in 2001. He served for four years as NCEMSF's New York Regional Coordinator and six years as the National Coordinator before becoming a Director-at-Large.

Les Polk, NREMT-P

Les Polk, NCEMSF Director-at-Large, 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 PCOM and his paramedic 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 previously served as NCEMSF's Pennsylvania RC and represents NCEMSF as a Council Member of the PA Emergency Health Services Council. Professionally, he is the Logistics Supervisor and a Paramedic for Robert Wood Johnson University Hospital-Mobile Health Services in New Brunswick, NJ. At RWJUH he is responsible for managing the fleet, supplies, and equipment for a large urban/suburban EMS system which features MICU Paramedic Services, High-Acuity Specialty Care Transport Units, Pediatric/Neonatal ICU Transport Team, Regional 911 Communications Center, and BLS Ambulances. He also serves as a per diem Paramedic for several agencies. Les is a BLS, ACLS, PALS, and PHTLS instructor for Community Safety Consultants in Metuchen, NJ.

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 New York State 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 continuing medical education 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. She is currently employed in state government as a health information technology program manager.

Stephen J. Lanieri

Stephen Lanieri, NCEMSF National Coordinator, graduated from Daniel Webster College in 2008 with a BS in Aviation Management. As a freshman, he founded DWCEMS, a student-run and NH licensed EMS service. Steve held the position of Captain/President all 4 years and continues as an Alumni Advisor. Steve began his EMS career at 16, volunteering as a cadet on the Branchburg Rescue Squad in his hometown of Branchburg, NJ, and later became an EMT-B. He has become certified in Swiftwater Rescue, Vehicle Extrication, Airplane/Helicopter Rescue, and many levels of 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 has worked as a Communication Specialist/EMT with Boston MedFlight in Bedford, MA. He currently works in the Operations Center at Boston Logan International Airport where he manages logistics for airport operations and security, and coordinates airport emergency responses with Massport Fire/Rescue. He previously served as NCEMSF's Northern New England Regional Coordinator.

Andrew S. Mener, MD

Andrew Mener, NCEMSF Startup Coordinator, is an internal medicine resident at GW and will be starting a medical oncology fellowship there in July. He earned his MD from The George Washington University School of Medicine in 2011. Andrew received his Bachelors 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 the Scarsdale Volunteer Ambulance Corps (Scarsdale, NY) and VMSC of Lower Merion and Narberth (Ardmore, PA). During 2005, Andrew volunteered overseas in Israel for Magen David Adom. 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.

Daniel McConnell

Daniel McConnell, NCEMSF Assistant Startup Coordinator, is a Columbia University student from northern New Jersey with

plans to graduate in 2014 and attend medical school. As an EMT with Columbia University EMS (CUEMS), Daniel served as Director, where he worked to change how the corps interacted and was viewed by school administration. He has a strong interest in administration, organization policy, and school integration. During his time at Columbia, he re-founded the volunteer CPR agency that provides CPR and first aid training at a reduced cost to organizations both at and outside of Columbia. Daniel is also an EMT-B instructor for Emergency Care Programs.

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.

Eric Pohl, NREMT-P

Eric Pohl, NCEMSF Emergency Management Coordinator, is a Hazardous Materials Specialist for the Bureau of Police & Security of the New York City Department of Environmental Protection. Responsible for managing a breadth of emergencies including toxic chemical releases and CBRNE/Weapons of Mass Destruction incidents, NYC DEP is one of the most technically skilled first responder groups in the nation, and is an integral component of the NYC Homeland Security community. In 2007, Eric earned a Bachelor of Science degree in Chemical Engineering from Columbia University, where he also served as a Crew Chief with the campus ambulance service. Eric obtained his NREMT-P from St. Vincent's Hospital - Manhattan in 2008 and is a paramedic in NY & NJ; he has provided 911 ALS & BLS services in both states. Eric's professional interests include radiological emergencies, spill control & enforcement, and environmental sustainability. He is the former NCEMSF NY Regional Coordinator.

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.

Jennifer D. Shoemake

Jennifer Shoemake, 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 will be graduating from Thomas Jefferson University School of Nursing in May 2014.

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 the University squad, working as an EMT in Michigan, as well as part-time ventures in ambulance and police communication centers. Jeff has also worked as a frontline police officer for some years before returning to EMS. He was educated and certified in Ontario as both a land and flight Paramedic and currently works as a full-time Flight Paramedic in northern Ontario, and part-time Paramedic in southwest Ontario. Additionally Jeff works casually as an industrial Paramedic in the Alberta oil sands providing critical care to remote pipeline projects/camps and oil refineries. In addition to his EMS work, Jeff owns a successful health and safety consulting company providing a wide variety of product sales and training services. He has always been a strong advocate for campus based EMS in Canada.

Ian Feldman

Ian Feldman, NCEMSF Central Regional Coordinator, started his EMS career at Rice University in 2006. He served as an EMS Supervisor and officer during his time at Rice. After graduating in 2009, with a degree in mathematics, he remained active with Rice EMS assisting with administrative tasks and later becoming an EMS Instructor. Outside of collegiate EMS, he works as an Administrative Specialist with the City of Houston. His responsibilities include managing social media and technology for the Ready Houston program, a UASI-funded emergency preparedness initiative for five counties in Southeast Texas. He also works as an In-Charge Paramedic and dispatcher at Harris County Emergency Corps, he volunteers with the Northwest Volunteer Fire Department, and works as an event paramedic at various venues in the Houston area. He received a Master of Science in Threat and Response Management from the University of Chicago in 2011, and holds an Associate Emergency Manager certification from the International Association of Emergency Managers.

David Afienko

David Afienko, NCEMSF Massachusetts Regional Coordinator, began his collegiate EMS career with Massachusetts Maritime Academy's EMS organization. In 2012, David co-founded MMA EMS and assumed the role of chief. In addition, David helped teach campus EMT courses, and helped the organization quickly gain community respect, trust, and even acquire three vehicles. David graduated from MMA in 2013 with a BS in Emergency Management. He chose to continue his education at the University of Massachusetts-Dartmouth, where he is pursuing a certificate in pre-medical studies with a goal of applying to medical school. David continues to work as a field supervisor with a private ambulance service in the Boston metro area and as an EMT with a local fire department.

Zachary Matuzsan

Zach Matuzsan, NCEMSF Mid-Atlantic Regional Coordinator, began his EMS career in 2007 as a volunteer EMT with the East Windsor Rescue Squad District II in New Jersey. In 2008, as a freshman at Johns Hopkins University, he joined the Hopkins Emergency Response Organization. Zach served as the Equipment Lieutenant in 2010 and as the Operations Lieutenant in 2011. He graduated with a degree in Public Health Studies in 2012, and remains active in EMS as a

volunteer in East Windsor. Zach is currently a medical student at Rowan-School of Osteopathic Medicine (formerly UMDNJ-SOM) in Stratford, New Jersey

Joseph Grover, MD

Joseph Grover, NCEMSF Midwest Regional Coordinator, is currently an emergency medicine resident at the University of Virginia. He earned his MD from Case Western Reserve University School of Medicine in 2011. 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 is currently a life member. In 2007, Joseph received the "EMS Member of the Year" award from KVFD. While an undergraduate at Case, Joseph co-founded CaseEMS. Starting in July, Joseph Grover will be an attending physician for Wake Emergency Physicians in Raleigh, NC.

Matthew D. Ricci, MPA

Matt Ricci, NCEMSF New York Regional Coordinator, was the Director of Operations for UMass Lowell EMS from 2007-2010. He has since moved to New York City where he works in the Emergency Response Department for JetBlue Airways. Matt's work with technology streamlined campus EMS operations and is now being used toward new solutions in Emergency Management and Business Continuity for the airline's response operations. Matt has an MPA in Emergency & Disaster Management, and maintains his EMT-B Certification.

Katie Egan, RN

Katie Egan, NCEMSF North Central Regional Coordinator, graduated from the University of Wisconsin-Madison with a BSN in 2011. She is currently a second year Medical Student at the University of Wisconsin. In addition, Katie works as a Registered Nurse in the Pediatric Intensive Care Unit at the American Family Children's Hospital in Madison, WI. 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 University of Wisconsin Police Department First Responders, which began operating as an event response team in 2009. Katie served as Director of the UWPD First Responders from 2009-2011 and worked to advance the service level to a First Responder / Non-transport service. Katie continues her involvement with the UWPD First Responders and runs as an EMT-Advanced with McFarland, WI Fire and EMS.

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 Rutgers New Jersey Medical School applying to internal medicine residency programs.

Kate Marquis, RN

Kate Marquis, NCEMSF Northern New England Regional Coordinator, graduated from Saint Anselm College with a BSN in 2012. Kate first became involved in EMS in 2009, when she joined Saint Anselm College EMS as an EMT. Prior to

NCEMSF Leadership Bios

graduating, she was elected to captain of Saint Anselm EMS. Kate currently works as a registered nurse in the Neuroscience Special Care Unit at Dartmouth-Hitchcock Medical Center in Lebanon, NH. She is also a BLS and ACLS instructor.

Ryan M. Hay, RN

Ryan Hay, NCEMSF Pennsylvania Regional Coordinator, graduated with a BA in Political Science from DeSales University in 2011, and with a BS in Nursing in 2012. Ryan is a Certified Emergency Nurse and Pre-Hospital Registered Nurse (PHRN). Ryan currently is employed as an the Operations and

Training Manager for Northampton County Emergency Management Services. Additionally, he is a reserve Emergency Department Nurse for St. Luke's University Health Network at the Anderson Hospital Campus, and a part-time Paramedic/PHRN with the City of Bethlehem EMS. While at DeSales, Ryan co-founded DeSales University EMS in 2007, serving as its Director until May 2010. Ryan is also a Hazardous Materials Specialist with Lehigh County Special Operations; a regional hazardous materials and Urban Search and Rescue (USAR) team for Lehigh and Northampton counties, in Eastern Pennsylvania.



Graduate Open House
Sunday, March 9 @ 1 p.m.

Online Chat with the Deans
Thursday, March 13 @ 12 p.m.

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- 24/7 Statewide Emergency Communications Center
- Public Safety Dispatch Point
- EMS Consulting
- Special Events & Sports Coverage

Schedule Summary

Sunday, March 2, 2014

7:30 am - 8:30 am	Continental Breakfast	Fourth Floor Foyer
8:00 am - 8:50 am	General Session - Aftermath of the Bombing: Tragedy at MIT	Salon E/F
9:00 am - 10:00 am	Workshop Session 9 (Page 28) Lightning Emergencies: The Shocking Truth Behind All That Voltage The "How To" of Effective Documenting Patient Assessment IS Risk Management Your Patient Has Crushing Chest Pain: Don't Have A Heart Attack! Queering the Field: an LGBTQ Primer How to Lose a Partner in 10 Ways: A Guide to EMS Teamwork Can't Breathe: Consider CPAP Physio-Control EMS Skills Classic Review Skills Lab: Megacode Resuscitation Roundtable: QA/CQI	Salon A/B Salon C/D Salon H/I Salon J/K Wellesley Suffolk Simmons Provincetown Regis Vineyard
10:10 am - 11:10 am	Workshop Session 10 (Page 29) EMS and Fireground Operations Essentials of EMS Documentation - "The Patient Sign-Off" "Say Whaaat? That's Not The Story I Got!" Mazel Tov! It's a Boy! Sense and Sensitivity: Applying the CARES 14.0 Model to Sexual Assault Calls Critical Care Transport - The Same Thing, Only Different Developing Training Programs Based on Quality Review and Specific Needs EMS Fit: Fuel Up, Don't Burn Out ECG Skills Lab: The ST Segment in all of its Ugliness Skills Lab: Event Medicine Table Top Roundtable: Administrator/Advisor/Medical Director	Salon A/B Salon C/D Salon H/I Salon J/K Wellesley Suffolk Simmons Provincetown Regis Orleans Vineyard
11:20 am - 12:20 pm	Workshop Session 11 (Page 31) Boston Marathon Bombing: Lessons Learned - EMS Perspective Documentation: From the Dreaded D Word to Excitement in EMS Drop the Acid, Drop the Base. A Little Chemistry Ain't No Disgrace Pediatric Emergency... Why Me?! Emerging Infectious Diseases Air Medical Communications within Boston MedFlight "Get the door it's....EMS" Critical Incident Psychological Support: Are you Ready? Skills Lab: Code Resource Management Roundtable: Startup	Salon A/B Salon C/D Salon H/I Salon J/K Wellesley Suffolk Simmons Provincetown Regis Vineyard
12:30 pm - 1:30 pm	General Session - Boston Marathon Bombing: Making the Right Call	Salon E/F
1:30 pm - 2:00 pm	Conference Wrap-Up	Salon E/F

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NCMSF wants your photos from the conference. Watch for an e-mail from us after the conference for how to submit your photos. The photos will be archived on the NCMSF Web site and presented at future conferences. Feel free to post your conference photos to NCMSF's Facebook wall as well.

Thank You For Attending!

Please remember to *complete your evaluation forms* online (www.ncemsf.org/conf2014)

See You Next Year!
February 27-March 1, 2015
Hyatt Regency
Baltimore, Maryland

Schedule Summary

Saturday, March 1, 2014 (Continued)

12:30 pm - 1:30 pm	Lunch	
1:30 pm - 2:30 pm	Workshop Session 6 (Page 16)	Salon A/B Salon C/D Salon H/I Salon J/K Provincetown Suffolk Wellesley Simmons Boylston Tremont Columbus Orleans Regis
	Pills That Kill	
	Surviving Sepsis Campaign and Its Possible Impacts on EMS	
	No BS in Cardiac Arrest: Why BLS Providers Own Cardiac Arrest Resuscitation	
	Trauma Care: 200 mph to Impact!	
	Now I Lay Me Down to Sleep – Case Studies in Suicide	
	Creating a Culture of Safety in EMS	
	Responding to Acts of Terror	
	Gamification and EMS Education	
	Looking Down the Road	
	Community Paramedicine	
	University Based Emergency Medicine Services Initiative in Pakistan	
	Skills Lab: Bubble Bubble, Toil and Trouble: Managing the Traumatic Airway	
	Roundtable: Recruitment and Retention	
2:40 pm - 3:40 pm	Workshop 7 (Page 19)	Salon A/B Salon C/D Salon H/I Salon J/K Provincetown Suffolk Wellesley Simmons Boylston Tremont Columbus Vineyard Yarmouth Orleans Regis
	Fifty Shades of 911: Management of Kink-Related Emergencies	
	"Can You Hear Me Now?" Lung Sounds and What They Can Tell Us	
	Crisis Resource Management	
	Foul Ball: Concussion Syndrome in Sports Injuries	
	The Silent Killer: Suicide in EMS	
	Building the Imperfect Beast: Striving for Safety in Ambulances	
	Is There A Doctor On the Plane, A Nurse, Anyone?	
	High Quality Results: Best Practices in EMS Education	
	Translate Your Passion for EMS into a Meaningful Career	
	Supporting EMS Innovation & Development in Massachusetts	
	EMS Development in Low- and Middle-Income Countries	
	Skills Lab: Improvised Splinting and Athletic Injury Care	
	Skills Lab: Remote Hypothermia Management	
	Skills Lab: MCI Tabletop	
	Roundtable: Training	
3:40 pm - 3:55 pm	Snack Break	Fourth Floor Foyer
3:55 pm - 4:55 pm	Workshop 8 (Page 21)	Salon A/B Salon C/D Salon H/I Salon J/K Provincetown Suffolk Wellesley Simmons Boylston Tremont Columbus Yarmouth Vineyard Orleans Regis
	"Can I give you a hand with... oh, too soon? Forearm Trauma	
	EMS Controversies 2014: Where Does the Ambo Go?	
	CPR Adjuncts: Toys or Tools?	
	The Spine is Not Fine	
	Psychological Survival Skills During Crisis Response	
	Scene Safety: What Does that Really Mean?	
	A Decade of War: What Iraq/Afghanistan have Given Civilian Medicine	
	EMS Research - Seeking Evidence for the Future	
	MA COMU Team and Deployments	
	Weapons of Mass Destruction	
	NG9-1-1: What it is, What it isn't, and its Impact on EMS	
	Scene Safety for EMS Bike Teams and Equipment Selection	
	Skills Lab: Lifting and Moving Workshop	
	Skills Lab: Learning Through Games	
	Roundtable: Fundraising and Financing	
5:00 pm - 6:00 pm	General Session - Major John P. Pryor, MD Memorial Lecture It Takes a Village—And Eight Steps	Salon E/F
6:00 pm - 7:00 pm	NCEMS Leadership Presentation, Business Meeting and Awards Presentations	Salon E/F
7:00 pm - 8:30 pm	Alumni Social and Networking Event	Connexion Lobby
7:00 pm - 10:00 pm	Dinner in Boston On Your Own	
10:00 pm - 2:00 am	Club NCEMS and Casino	Salon G

(Sunday on Previous Page)

Schedule Summary

Friday, February 28, 2014

4:00 pm - 11:00 pm	Conference Check-in	Fourth Floor Foyer
5:00 pm - 10:00 pm	Physio-Control EMS Skills Classic	Third Floor
6:00 pm - 6:50 pm	How to Make the Most of the Conference Experience	Salon C/D
7:00 pm - 8:00 pm	Workshop Session 1 (Page 7) Massive Transfusion in Trauma The ABC's of EMS: A Visual Stimulation Lecture Why'd the Medic Do That? Roundtable: Startup	Salon A/B Salon H/I Salon J/K Salon C/D
8:10 pm - 9:10 pm	Workshop Session 2 (Page 8) Boston Marathon: A View from the Medical Tent Lessons Learned Through the Lens: EMS Photo Documentary Project A Recipe for Success: Avoiding "Cookbook" EMS Chiefs and Presidents Panel	Salon A/B Salon H/I Salon J/K Salon C/D
9:00 pm - 1:00 am	Welcome Social and Mixer / CPR Challenge	Salon G
11:00pm - 12:00 amE	EMS as a Spectator Sport	Salon G

Saturday, March 1, 2014

7:15 am - 8:30 am	Continental Breakfast	Regency Foyer
7:45 am - 8:20 am	Group Introductions/Meet & Greet Roundtable: Administrator/Advisor/Medical Director	Salon E/F Orleans
8:20 am - 9:15 am	General Session - Hot Topics in Campus EMS	Salon E/F
9:25 am - 10:25 am	Workshop Session 3 (Page 10) Deadly Mistakes in the Altered Mental Status Patient North American Bites and Stings Rule # 1, Cardio: Surviving Life's Rare Cardiac Diseases Active Shooters: Understanding the Threat and Planning Responses Building a Professional Organization It Ain't A New Bus: What Really Drives You and Your Crew to Success Silence Kills: See Something, Say Something! Big Ethics - How to Make Hard Decisions at the System Level CHAOS: The First 5 Minutes of a MCI Response Selective Spinal Immobilization EMS on Bikes: What's Involved in Starting a Bike Response Team Skills Lab: Childbirth Concepts and Scenarios Roundtable: Emergency Management and Disaster Preparedness	Salon A/B Salon C/D Salon H/I Salon J/K Provincetown Suffolk Wellesley Simmons Boylston Tremont Columbus Yarmouth Regis
10:35 am - 11:35 am	Workshop Session 4 (Page 12) "They're Just Drunk" The ABCs of Anaphylaxis Iron Man: Left Ventricular Assist Devices (LVAD) and Heart Failure Maxillo-Facial Injuries: When Immobilization May Kill Customer Service Skills for Collegiate EMS Organizations Human Errors in Decision Making: Errors of Perception Suspicious Substances, White Powders & Terrorism Medico-Legal Issues Facing the EMS Provider Growth of a Regional Critical Care Transport System Penetrating Abdominal Trauma Emotional Intelligence in Emergency Medical Services Roundtable: Research Design & Execution in EMS Roundtable: Technology	Salon A/B Salon C/D Salon H/I Salon J/K Provincetown Suffolk Wellesley Simmons Boylston Tremont Columbus Vineyard Regis
11:45 am - 12:30 pm	Workshop Session 5 (Page 14) Richard W. Vomacka Student Speaker Competition Assessing Gynecological Emergencies Mapping EMS Systems Collegiate EMS Prevention of and Response to Suicide Death by Oxygen: The Oxygen Paradox Medical Amnesty: Creating Change That Could Save a Life Responding to Traffic Collisions The Healing Voice This is How We Do It: Examples of Campus EMS Practice Squad Administration: Membership, Turnover, and PR Special Event EMS Regional Roundtable Discussions	Salon A/B Salon C/D Salon H/I Salon J/K Suffolk Wellesley Simmons Boylston Tremont Salon E/F