

NCEMSF 2013

The 20th Annual
Conference of the
National Collegiate
Emergency Medical
Services Foundation



February 22-24, 2013
Hyatt Regency
Crystal City
Washington, DC



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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 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 42

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
Startup	Andrew S. Mener, MD
Alumni	Joshua E. Glick
Nat'l Coordinator	Stephen J. Lanieri
EMS Week	(AVAILABLE)
Hotel Liaison	Jennifer Shoemake
Technologist	Timothy J. McMichael, NREMT-P
IT Administrator	Doug Buchan

Regional Coordinators

Canada	Jeffrey J. Bilyk
Central	Ian Feldman
Massachusetts	Kathryn Kinzel, MPH
Mid-Atlantic	Zachary Matuzsan
Midwest	Joseph Grover, MD
New York	Eric Pohl, NREMT-P
North Central	Katie Egan, RN
Northeast	Yoni Litwok
N. New England	(AVAILABLE)
Pennsylvania	Ryan M. Hay
Southeast	(AVAILABLE)
West	Amanda Wong

About Washington - Home of the 2013 NCEMSF Conference - Enjoy Your Stay!



Washington, D.C., formally the District of Columbia and commonly referred to as Washington, "the District", or simply D.C., named in honor of George Washington, was founded in 1791, after the Residence Act of 1790 approved its creation, to serve as the new national capital. As permitted by the U.S. Constitution, the District is under the exclusive jurisdiction of the United States Congress and is not a part of any U.S. state. The federal district was named Columbia, a poetic name for the US commonly in use at the time. Congress held its first session in Washington on November 17, 1800.

The city has a total area of 68.3 square miles. The Potomac River forms the District's border with Virginia. The estimated population is 632,323 making DC the 25th most populous place in the United States. The Washington Metropolitan Area has a population of 5.7 million, the seventh-largest metropolitan area in the country.

In addition to the centers of all three branches of the federal, Washington is home to many national monuments and museums (including the Smithsonian Institution that operates 19 museums), which are primarily situated on or around the National Mall. The city hosts foreign embassies as well as the headquarters of many international organizations, non-profit organizations, lobbying groups, and professional associations.

Thank You to Volunteers from:

Georgetown Emergency Response Medical Group

Founded in 1982, the Georgetown Emergency Response Medical Service (commonly known as GERMS) is a student run, volunteer emergency ambulance service for Georgetown University and the surrounding community currently staffed by over 120 members. Dispatched by the Department of Public Safety with Medical Direction from the Georgetown University Hospital Emergency Department, an ambulance crew of three or four EMT-Bs is on-duty 24 hours a day throughout the majority of the calendar year. GERMS ambulances are equipped to offer basic life support services and transport patients to Georgetown University Hospital conveniently located on the University's main campus. GERMS members also participate in stand-by medical coverage for events around the city and the National Mall.

The George Washington University Emergency Medical Response Group

Founded in 1994 by EHS students, the Emergency Medical Response Group (EMeRG) at The George Washington University is a licensed BLS agency in the District of Columbia. Initially a bike response group, EMeRG acquired a quick response vehicle in 2001 allowing it to transport non-emergent patients to the GW hospital. In August 2008, EMeRG expanded again and put its first BLS transporting ambulance in service. EMeRG has been recognized multiple times with the NCEMSF Striving for Excellence award. EMeRG has also grown to provide support to the University Police Department for training exercises. EMeRG also provides stand-by services for University games and events, as well as many other campus and District activities.

Celebrating the NCEMSF Conference Tradition *NCEMSF Conference Locations*

1994 - Washington, DC
1995 - Philadelphia, PA
1996 - Albany, NY
1997 - Huntington, WV
1998 - Hartford, CT
1999 - Syracuse, NY
2000 - Newark, DE
2001 - Rochester, NY
2002 - Long Island, NY
2003 - Washington, DC

2004 - Baltimore, MD
2005 - Philadelphia, PA
2006 - Boston, MA
2007 - Baltimore, MD
2008 - Philadelphia, PA
2009 - Washington, DC
2010 - Baltimore, MD
2011 - Philadelphia, PA
2012 - Baltimore, MD
2013 - Washington, DC

Conference Schedule - Friday, February 22, 2013

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

Regency Foyer

After checking into the hotel, stop by the conference registration table to check-in. All attendees must check-in individually (Photo ID required). Upon check-in, attendees will receive a name badge that must be worn throughout the weekend as admittance to conference lectures and activities as well as CME tracking require it. Alumni, presenters and exhibitors should identify themselves to receive appropriate ribbons for their badges.

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

Third Floor

Pre-registered teams should check-in and pay at the skills competition table to receive their team number, copy of the competition 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 competition Saturday evening. The winner of the ALS Competition will go on to represent collegiate EMS at the *JEMS Games* the following week at *EMS Today*.

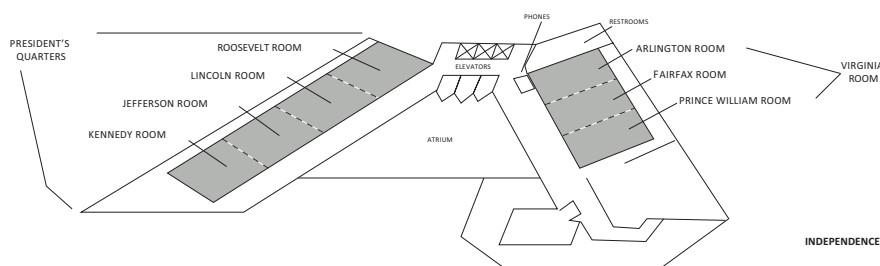
Physio-Control CPR Challenge

Regency Foyer

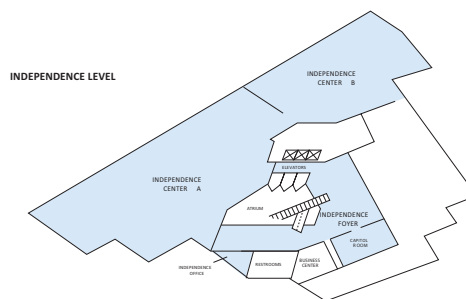
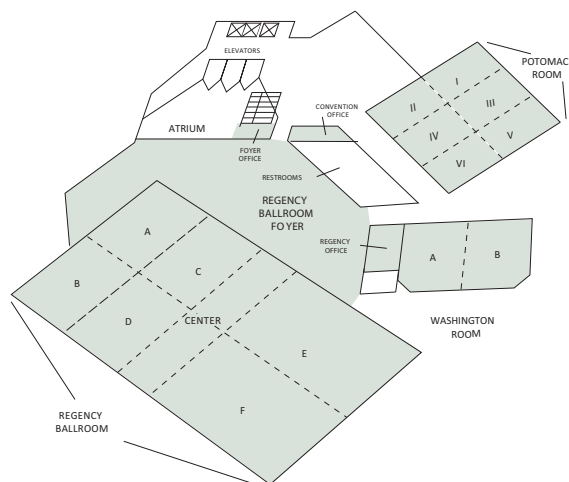
Starting at 9:00 pm—10:30 pm test your strength, endurance, and precision against the Physio-Control Lucas2 in a quest to outperform the machine. Contestants will perform two minutes of CPR as per the AHA Guidelines and the individual/squad who performs the most effective CPR will win a prize to be presented Saturday evening.

Hyatt Regency Crystal City Floor Plan

THIRD FLOOR



BALLROOM LEVEL



Conference Schedule - Friday, February 22, 2013

6:00 pm - 6:50 pm

How to Make the Most of the Conference Experience Potomac I&II

Andrew S. Mener, MD, NCEMSF 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 lecture 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.

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

Sponsors

Physio Control, Inc.

Jim Springer

11811 Willows Road NE

Redmond, WA 98073

(800) 442-1142

jim.springer@physio-control.com

www.physiocontrol.com



**Wilderness Medicine Institute
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School (NOLS)**

The Leader in Wilderness Medicine

Leslie van Barselaar

Marketing Coordinator

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(866)-831-9001

lvb@nols.edu

www.nols.edu/wmi/



Exhibitors

American Heart Association

Michael Smith

michael.smith@heart.org

www.americanheart.org



Now Force

Julie Zuckerman, VP Marketing

jzuckerman@nowforce.com

www.nowforce.com



Common Cents EMS Supply

JT Dunn

jdunn@savelives.com

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Professional Associations



Partners

EMS World

(800) 547-7377

www.emsworld.com

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



The NCEMSF Store

Emergency Training Associates

(410) 756-2000

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.



Web Hosting



Health Education Programs

Philadelphia College of Osteopathic Medicine

Kevin A. Zajac

Assistant Director of Admissions

kevinzaj@pcom.edu

www.pcom.edu



Ross University

Elizabeth Coccia

Associate Director of Admissions

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**American University of the Caribbean
School of Medicine**

Kirstin Holmberg

Associate Director of Admissions

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Conference Schedule - Friday, February 22, 2013

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

Visual Stim

Potomac I&II

Joshua Moskovitz, MD, MPH

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

❖ Are You Ready? Preparing for Disaster

Potomac III&IV

Jeffrey Lindsey, PhD, PM, CFO, EFO

Hurricane Katrina, Superstorm Sandy, Wild fires, Earthquakes, Tsunami's, what will be the next disaster? Where will it occur? Who will respond? Will YOU be ready? Join Dr. Lindsey as he discusses how agencies should prepare for the next disaster. What do you do when it affects you personally? Dr. Lindsey will share his findings and what his agency has done to prepare for the next major event. Planning is everything. Learn what you need to do to make a personal plan and a plan for your agency. You are already in phase I of the plan - are you ready?

☺ Handling In-Flight Medical Emergencies On Commercial Airline Flights

Potomac V&VI

Erik S. Gaull

Reviews the incidence of in-flight medical emergencies and discusses what the prehospital provider needs to know to manage an in-flight medical emergency adequately, including flight physiology, medical resources available, and procedures/protocols for patient management and aircraft diversion.

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

Washington B

Andrew S. Mener, MD, NCEMSF Startup Coordinator

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

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

♣ Where There's Smoke, There's Fire

Potomac I&II

Ron Lewis, NREMT-P

"Where there's Smoke there's Fire" is a humorous (to us in the medical field) yet serious look at penetrating and impaled trauma. Geared toward what to do when you arrive and the first thing you think about is, "Uh oh," and the second thought that comes to mind is, "Sure glad that's not me," Capt. Lewis discusses mechanisms and their abilities to influence how we treat and transport these patients rarely seen but in need of immediate appropriate intervention when encountered.

Conference Schedule - Friday, February 22, 2013

◆A Day at the Helicopter:

Potomac III&IV

Three Case Studies from Dispatch to Discharge

Mike Clumpner, PhD(c), MBA, NREMT-P

In this dynamic presentation, the presenter looks back over the last year at his busy helicopter service located at a Level I trauma center and selects three unique cases to discuss. These cases will start with the dispatch of the helicopter and give an overview of the treatments performed during the patient's course of stay until discharge from the hospital. In this lecture, the presenter discusses an adult burn patient, an adult cardiac patient, and a pediatric trauma patient. If you have ever wondered what happens to your patient before you treat them or after you treat them, this lecture is for you! Participants are encouraged to be interactive and discuss different treatment modalities for the case studies presented.

✿Decision-Making: Errors of Perception

Potomac V&VI

Gates Richards, MEd, WEMT-I

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 decision-making awareness, and perhaps make more consistently good decisions.

Chiefs and Presidents Leadership Panel

Washington A

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*

Independence A

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.

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

Independence A

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, and show support for your colleagues as they rise to meet this challenge. This event is sure to be entertaining as well as fun for participants and spectators alike. Prizes will be awarded Saturday evening at the annual awards ceremony.

SEE YOU IN THE MORNING...

Conference Schedule - Saturday, February 23, 2013

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

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

7:45 am - 8:20 am *Group Introductions / Meet & Greet* *Regency 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 NCEMSF 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 *Arlington*

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

In this first of two roundtables dedicated to campus administrators, EMS advisors and medical directors present, NCEMSF 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* *Regency E&F*

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

An interactive case based panel discussion and question and answer session with campus EMS gurus focusing on current controversies in campus based care. Panelists include: Benjamin N. Abo, DO, NREMT-P; Joan C. Durso, PhD; Mark Forgues, MEd, NREMT-P; Benjamin J. Lawner, DO, EMT-P; and Kris Lehnhardt, MD, FRCPC(EM), ABEM.

Taking EMS to the Next Level

It's not uncommon for our protocols to lack scientific evidence. Its even less common for that evidence to have been derived by someone who knows the job

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

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

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

Sessions are open to all, however, seating in all rooms is limited intentionally to 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, February 23, 2013

we do. Blair Bigham began his EMS career in a collegiate response team, but ended up somewhere unexpected: a hybrid between a scientist, clinician and educator, Blair has become one of the leading paramedic scientists in the world, and has an important message to spread: he doesn't want to be alone. Our future in EMS depends on our willingness to build the science that supports our work, and building a cadre of EMS researchers will launch the profession to the next level.

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

Managing “Crashing” Patients in the Field

Regency A

Mark E. Pinchalk, MS, EMT-P

EMS providers often encounter critically ill medical patients in the field. Unlike with trauma patients, taking the “load and go” approach with medical patients presenting with altered mental status, severe respiratory distress or shock may lead to worse outcomes and preventable deaths. This program will review physiological findings associated with medical patients in extremis and at risk for prehospital cardiac arrest and present an assessment and treatment algorithm to rapidly provide critical interventions to manage these patients in the field and improve outcomes.

The “Silver Tsunami”: Are You Ready?

Regency B

Mark Forgues, MEd, NREMT-P

The older adult comprises a significant number of our runs, yet we tend to approach them as routine, make assumptions that are not correct, and misinterpret signs and symptoms that lead us to over or under treat our patients. We will explore some of these issues using a case based format after an introduction to some of the major differences in dealing with the older generations (yes, there is more than one older generation...)

The Anatomy of an Airway

Regency C

Samuel M. Galvagno, Jr., DO, PhD

This lecture will discuss clinically relevant anatomy pertaining to the airway. The definition of “difficult airway” will be reviewed, as well as an 11-step airway evaluation scheme for the prediction of a difficult airway. External and internal airway landmarks will be discussed. Techniques for securing the airway, ranging from rapid sequence intubation and induction (RSII) to surgical airways will be reviewed. The importance and physiological rationale for preoxygenation before airway management will be detailed.

Probe a Little Deeper!

Potomac I&II

Learn How EMS is Using Ultrasound to Catch Deadly Diagnoses

Angela R. Cirilli, MD, RDMS

Learn the five deadly diagnoses you can make with ultrasound on the back of a moving ambulance. This cutting edge technology is coming to the prehospital arena in your area soon, and you can make the diagnosis before even arriving at the hospital; thus saving a life!

A Unique, Member-Driven Approach to Developing Clinical Operating Guidelines

Potomac III&IV

Kris Lehnhardt, MD, FRCPC (EM), ABEM

In most EMS systems, Clinical Operating Guidelines (COGs) are typically developed in a top-down fashion by the Medical Director. Given the unique nature of campus EMS systems, where student volunteers make up the EMS providers, the Emergency Medical Response Group (EMeRG) at The George Washington University (GWU) decided to create a unique, member-driven approach to developing COGs. In this model, the EMeRG members use this process as a learning opportunity, completing the necessary

Conference Schedule - Saturday, February 23, 2013

research and developing the protocols under the guidance of the Medical Director. Thercent modification of the EMeRG cervical spine immobilization protocol, will be used in this presentation as an example of how this new approach works.

✿Learn How to Fish! Leadership Lessons

Potomac V&VI

Jeffrey Lindsey, PhD, PM, CFO, EFO

What are leaders? What are managers? What are educators? Or should we ask who? We discuss the many different learning styles, yet do we discuss the leadership styles? Join Dr. Lindsey as he gives an overview of the different leadership styles and how they affect you and how they affect those around you. In today's world it is frustrating to deal with different students and employees. It can be even more frustrating to deal with your boss. Maybe you have been looking at it all wrong. This session will explore a number of the books and give firsthand experience of lessons learned in the world of leadership. Whether you are a seasoned leader, a new leader, or a frustrated employee, this session will provide the insight you have been searching for. It may not provide the answers, but it will teach you how to fish...

✿Safety is No Accident

Washington B

Peter I. Dworsky, MPH, EMT-P

EMS has existed in its current format for less than 50 years. In that time, there have been advances in communication, medical treatment and transportation services. Largely ignored, has been the safety features geared towards the EMS provider. This presentation will explore the changes that directly affect the provision of EMS and discuss current issues and safety trends in the ambulance industry. We will cover emerging technologies and new industry trends being addressed to provide a safer work environment.

☯Sense and Sensitivity:

Washington A

Applying the Tenets of CARES 13.0 to Sexual Assault Response

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

With college sexual assaults (SA) and intimate partner violence (IPV) continuing to occur across campus, wouldn't you like to know more about how to handle those delicate situations, so that everyone from the survivor to the EMS crew feels less anxious? By examining various theories and real life situations, 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.

☯Overview of Tactical Medical Operations

Regency D

Michael Carunchio, MS, NREMT-P

This lecture will provide an overview of the inclusion of medical personnel on law enforcement tactical teams. It will provide an overview of the requirements, roles and responsibilities, and the training of tactical medical providers. Attendees will also be able to apply SWAT-related concepts to daily EMS operations.

✿You're Graduating!...Now What?

Fairfax

John T. Casey, EMT-P and Matthew D. Ricci, MPA, EMT

Join us for an opportunity for graduating seniors to engage in an intimate group discussion with recently graduated NCEMSF alumni who both took dramatically different routes to find success. This will be a conversation about what plans your fellow seniors are making, and how you can map your own. Matt and John will facilitate with a look at their lessons learned and by sharing some insight on the dos and don'ts of interviewing, the importance of a good resume, and how to streamline your job search using technology.

Conference Schedule - Saturday, February 23, 2013

Skills Lab: Improvisational Splinting

Roosevelt

Gates Richards, MEd, WEMT-I

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

** 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: Technology

Arlington

Scott C. Savett, PhD, NCEMSF Vice President and Chief Technology Officer
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?

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

Physiology Based Airway Management

Regency A

Mark E. Pinchalk, MS, EMT-P

Advanced airway management in the prehospital setting has generated great controversy in recent years with a growing body of literature demonstrating worse patient outcomes with the intervention. A potential cause of these problems is the application of a "one size fits all" approach advanced airway management that doesn't take into account the patient's underlying physiologic derangement. This presentation will discuss the concept of matching the advanced airway management strategy to the patient's pathological process to improve outcomes.

Pills That Kill

Regency 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.

"Pit Crew" CPR

Regency C

David B. Hiltz, NREMT-P and Michael Smith, MPH, EMT-B

This presentation will discuss a review of related science and current practices in EMS resuscitation. "Pit Crew" CPR will be introduced as a conceptual model, and practice and implementation will be covered. The presentation will incorporate multimedia, including demonstration videos and existing protocols from systems where high performance CPR has already been instituted.

"Spiders Get a Bad Reputation:" Bites and Stings

Potomac V&VI

Frank Sabatino, MD

First responders and emergency medicine personnel need to be adept at treating and diagnosing the effects of bites and stings from various animals and insects. Using visual stimuli this lecture will focus on obtaining the most relevant clinical information in order to start rapid treatment of various bites from spiders, snakes, and insects. We will discuss the treatment options and management plans for each group of the above.

Conference Schedule - Saturday, February 23, 2013

The Dirty World of Infection Control

Washington B

Peter I. Dworsky, MPH, EMT-P

This training module is designed to provide a basic understanding of blood borne pathogen standards and requirements under PEOSH and OSHA. It will cover an agency's requirements for complying with the respiratory protection standards. It will also touch on atypical and emerging infectious diseases as well as control measures.

Train to Act, Not React

Potomac I&II

Timothy Hite, AEMT-CC

Training is one of the top priorities for all providers in the medical field. Being prepared to deal with a life or death moment without hesitation starts with how we train. Making sure that our providers do not "freeze" on a critical scene will ensure better care for patients in their time of need. Your brain will also be able to process other information on scene to assist you with situational awareness to keep our providers safe.

Liability and Risk Reduction in College EMS

Potomac III&IV

Bradley M. Pinsky, JD

Being a college volunteer is not and cannot be an excuse for substandard care. This lecture will focus on understanding your liability as an EMT, the definition of negligence, the duty to act, consent for the treatment of minors, patient refusals (RMA), and preventing lawsuits through proper documentation.

Human Trafficking and EMS

Washington A

Richard Patrick, MS, CFO, EMT-P

The Blue Campaign is the Department of Homeland Security's department-wide effort to combat human trafficking. Human trafficking is a crime involving the illegal trade of human beings for the purpose of exploitation. Hundreds of thousands of men, women and children are trafficked each year and are forced in to this modern-day form of slavery. Human trafficking isn't just a problem in other countries - cases have been reported in all 50 states. EMS professionals, like you, are in the unique position to encounter victims while they are held by their traffickers because you answer the call to help people whenever they need help, including their homes or businesses.

Bioterrorism Awareness for EMS Providers

Regency D

Michael Carunchio, MS, NREMT-P

Bioterrorism is a real threat in today's global climate that is plagued by both organized terrorists and disorganized individual criminals. Attendees will gain an awareness for the signs of a bioterror attack, which are most often delayed until well after the attack has been perpetrated. Response considerations and public health issues will be addressed. The lecture contains case studies of actual bioterror attacks and discusses their impact and the lessons learned.

From Good to Great:

Fairfax

Taking Your Team to the Next Level

Matthew D. Ricci, MPA, EMT and John T. Casey, EMT-P

This workshop will be an intimate program focusing on building the great leaders of tomorrow. Take this opportunity to sit down with two former collegiate EMS administrators who formulated a plan to take their program to the next level. Matt and John will look at easy and useful management techniques, streamlining your workflow with technology, implementation expectations for your staff, having difficult conversations with your crew, and helping your team members build a solid resume for graduation.

Conference Schedule - Saturday, February 23, 2013

Skills Lab: Advanced Airway Management

Jefferson

Samuel M. Galvagno, Jr., DO, PhD

Students will receive demonstration, instruction and adequate hands-on practice of the proper use of supraglottic airways and video-assisted intubation.

Skills Lab: Moving, Lifting & Transporting in the Wild

Roosevelt

Gates Richards, MEd, WEMT-I

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

Roundtable: Research Design & Execution in EMS

Arlington

Michael T. Hilton, MD, Blair Bigham, and Andrew Lazar, MA

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 for our experts with you.

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.

Ramifications of Alcohol Amnesty Programs

Regency A

Tim Bach, Carnegie Mellon University

Increasingly, colleges and universities around the nation are trialing or instituting Alcohol Medical Assistance Programs, or "Amnesty" programs. Designed to encourage students to get medical assistance for themselves or their friends after consuming dangerous amounts of alcohol, even if underage, these programs offer amnesty from legal or campus judicial action to those who summon help when needed. This talk examines the implications for campus-based EMS systems at institutions that implement an Amnesty Program – from call volume to necessary adaptation of provider skills when dealing with varied levels of intoxicated patients. The presentation will also explore some trends and best practices used at Carnegie Mellon, which implemented an Amnesty program a decade ago.

The Elusive Vital Sign: Respirations

Regency B

Caroline Schwartz and Gideon Cohen, SUNY Geneseo

Lung sounds clear, respiratory rate of 16 breaths per minute. Sound familiar? Unfortunately, current research suggests that EMS providers do a poor job analyzing respiratory rate and accurately recognizing abnormal lung sounds. In the absence of concerning chief complaints or relevant medical history, EMS providers quickly overlook respirations and focus on the more "popular" pulse and blood pressure. Many factors play a role in our ability to accurately assess both rate and quality including ambulance noise, environmental conditions, and inexperience in recognizing the different types, rates and presence/absence of breath sounds. It is time to go back to basics and re-evaluate how we assess respirations. This lecture will highlight research on respiration analysis, review abnormal lung sounds and when to expect them, and highlight current strategies for improving accuracy.

Conference Schedule - Saturday, February 23, 2013

EmPOWERing Survivors:

Regency C

Collegiate EMS Response to Sexual Assault and Rape

Hillary Li, Emory University

Sexual assault on college campuses is an issue that is too often ignored. Social justice efforts in recent years have slowly begun to illuminate the importance of reporting and supporting survivors. But emergency medicine, particularly that of collegiate EMS, has not developed to understand and handle sexual assault. In this lecture I first review background and statistics on prevalence of rape and sexual assault, medical and legal implications for the victims and for the EMTs, and the current state of collegiate EMS protocol concerning the topic. I then propose a new “EmPOWER” approach to addressing sexual assault in emergency medicine; this method is inspired by current SART and SANE protocols but has been adapted to better suit the work of EMTs and paramedics on college campuses. It can be practically implemented to encompass not only sexual assault trainings and debriefs off-scene but tools to effectively work with victims on scene. The emphasis is placed on balancing creation of a safe, supportive environment for the patient and maintenance of EMT professionalism, quality care, and legal coverage.

Different Types of EMS Training

Regency D

Sophia Raptis and David White, University of Dayton

In this presentation, we will talk about the ways our university utilizes and conducts our unique training events for our members as well as discuss how different training events can be organized and set up for other collegiate organizations. Training for collegiate EMS groups should be conducted in a wide variety of forms so that different types of information can be learned and practically applied in a manner where all providers get a holistic learning experience. More interactive training events can boost EMS moral and confidence by allowing for practical application of skills. Come learn how we do it at UD and take a few new ideas back to your own squad.

Spirit or Seizure: Cultural Awareness in Campus EMS

Potomac I&II

Kaylin Stinski, Arizona State University

In emergency medicine, and healthcare as a whole, there is a growing surge in disparities between cultural and racial minorities and the majority population due to a lack of culturally competent care. Most movement towards cultural awareness and competency has been in the hospital setting, focusing primarily on emergency medicine and primary care specialists. Taking this initiative further and extending it to the EMS field could prove to increase cultural awareness of these minority groups and, in the end, yield better patient care. Collegiate EMS members are in the middle of the most culturally diverse areas in emergency medicine. College and university campuses have people from all corners of the world, with different religious backgrounds, and are generally very culturally varied. This lecture will provide collegiate EMS personnel the tools to respond to and treat not only patients' signs and symptoms, but also utilize Culture Clues in order to communicate effectively and maximize care across all borders.

Who is Your Patient Expecting

Potomac III&IV

To Walk through the Door?

Brandon Wilkinson, University of California - Los Angeles

When the public calls 911 we are familiar with the process; A dispatcher takes the call, a unit responds, care is given, decisions are made and eventually that unit is ready to take another call. What is the patient expecting? Of all the training, the equipment, the competency and the experience what does your patient expect to see when they call for your help? How can you provide the care the general public feels is lacking? From the first time you become CPR certified, continuing through

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formal EMT education and throughout field training EMS professionals are stressed the importance of competence; the value of knowing what to do, how to do it and when. However substantially less time is spent learning and reminding EMS providers that their patients are people looking to one person for help: YOU!

Regional Roundtable Discussions

Regency E&F

NCEMSF 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 Regency and then spread out.

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

With an hour for lunch, we recommend one of the eating establishments along Crystal Drive between the hotel and 23rd Street (exit the hotel and turn right). There are plenty of options to fit any appetite and budget. See a full listing of options on pg 33.

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

◆Pow! Right in the Kisser!

Regency A

Injuries to the Oromaxillofacial Region

Graig "Giddy" Straus, MSN, APRN, FNP-EC, CEN, FF/EMT

Trauma to the face is extremely common. With all of the structures and nerves involved, it is important to determine based upon physical exam what is the potential for injury. This lecture will discuss the anatomy of the face, common injuries to the face, and the proper way to assess each system involved. Gory pictures included.

✿But We Are Just College EMS Volunteers

Fairfax

Michael Guttenberg, DO, FACEP, FACOEP and Bradley M. Pinsky, JD

This lecture will be a shared experience between an EMS Medical Director and a lawyer with expertise in prehospital care. The lecture will review the legal role, responsibilities, and authority of an EMS Medical Director, including patient care restrictions. In addition, the lawyer will discuss the legal "risk" associated with being a volunteer EMS provider. The role of On Line Medical Control will also be reviewed.

✿Recruitment, Retention, and Public Education:

Regency D

Creating Synergy to Strengthen Your Organization

Stu Rosenhaus

This program will discuss recruitment strategies and techniques for keeping your membership once you get them in. We'll discuss how to create a low cost public education program and use it to strengthen your organization's image. Participants will have the opportunity to share their squad's best practices.

✿Burn Out, How Not to Become a Statistic

Potomac I&II

Timothy Hite, AEMT-CC

Through years of losing providers, the Emergency Services field has finally recognized stress management as a real part of our community. This presentation will talk about human stress reactions, PTSD awareness, and preserving the responder.

✿Transforming Collegiate EMS into a Career

Potomac III&IV

James Kish, RN, BSN, CEN, PHRN

With some areas of the workforce suffering and students finding it increasingly difficult to find a job out of college, collegiate EMS provides an excellent base for

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students to thrive in the current job market. The leadership qualities, problem solving, and medical skills learned while participating in EMS activities, makes for a more resilient and well-rounded person capable of handling stressful and demanding situations. Collegiate EMS also provides necessary training for an alternate career if one is not available in the initial field of study after graduation. This lecture will outline the steps to move from a collegiate EMS provider to an essential member of the community.

✿From Georgetown Fireman to Big City EMS Chief

Washington A

Kevin M. Sullivan, MS, NREMT-P

The EMS industry has a huge need for talented, intelligent and educated leaders and managers. Colligate EMS programs often have more leadership talent and management skill than they know what to do with, yet many who leave college EMS programs find it hard to transition into meaningful, interesting work in EMS. This session aims to assist those who are interested in a career in EMS after college in identifying successful approaches to making the transition from student-leader to professional EMS manager, with some tips for staying sane and having a healthy career at the same time.

✿EMS Advocacy: What's in it for You?

Washington B

MONEY & PROFESSIONALISM!

Laura A. Cathcart, MA, EMT and Jonathan Blatman, NREMT-P

Would you like to know how to effectively advocate for your EMS organization at the campus, local, state, or federal level? We will discuss current federal legislation such as the Field EMS Bill and how it will create more grant opportunities for EMS organizations. Learn how to build productive relationships with key stakeholders so they can understand and support your EMS organization. EMS is a young profession and is rapidly growing and expanding into new territory such as community paramedicine. We will teach you the power of grassroots advocacy to make changes.

❖The ABC's of MCI's

Regency C

Gary Hecker, RN, CCRN, EMT, CIC

In this session the participant will learn an overview of EMS response to Multiple and Mass Causality Incidents. Use of the Incident Command System will be reviewed. Principles of Disaster Medicine will be discussed including: Preparation, Mitigation, Response and Recovery. This session will also include a general discussion of the federal response to large scale events.

❖Where'd You Come From? Sandy Mutual Aid EMS

Potomac V&VI

H. Bucky Buchanan

Hurricane Sandy was headed straight for the coast of New Jersey. 7 days prior, the planning began based on lessons learned from past storms, and pre-existing plans. But this "SuperStorm" became dubbed as the "Perfect Storm". It taxed NJ's strong EMS system from the moment it was announced we'd be impacted. The presentation will focus on the coordination efforts between NJ EMS Agencies, the request for out of state mutual aid through the EMAC system, and the deployment and tracking of those resources statewide on over 1,000 missions.

☺Saving Lives with Mobile Apps

Regency B

Jason Goldberg

Learn how volunteer and EMS and other forward-thinking public safety organizations are using mobile technologies to turn smartphones into life-saving tools. This session will demonstrate how public safety mobile applications can help vastly reduce response times, increase situational awareness, and enhance communications within the response network. Case studies will be presented of some of the new technologies that are improving outcomes.

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🚴 EMS Cycling on Campus

Lincoln

Michael P. Glaubach, MEd, NREMT

EMS Cycling on campus presents unique challenges as well as unique rewards. This program will present an overview of EMS Cycling and its place in campus EMS and will address challenges that are specific to the campus environment.

📊 EKG Basics for EMT-Basics

Roosevelt

Noah H. Prince, NREMT

Have you ever wanted to learn how to read EKGs as an EMT-Basic? Here is your chance. Learn about normal electrophysiology and how to interpret basic abnormal EKGs. Taught for beginners.

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

📊 Beyond Drunk and Stupid

Regency B

Ron Roth, MD

Other than bartenders, EMS providers, especially collegiate EMS providers have the most experience “working” with intoxicated “clients.” While we frequently evaluate patients that are “just drunk,” not everyone with altered mental status at a Frat party is intoxicated. And not all patients with a history of alcohol abuse and altered mental status are intoxicated. There are consequences to using alcohol that go beyond a forgotten night of binge drinking. In addition, missing conditions that mimic intoxication can be a fatal mistake.

📊 Don't Stroke Out When Your Patient is Stroking It Out *Potomac V&VI*

Teresa Deak, MD

Stroke knowledge is evolving and increasing as is our understanding of the pathophysiology, treatment, and outcomes. Make sure you know the early warning signs and appropriate prehospital interventions to help save your patient's life.

📊 Lessons from the Field: Wilderness Medicine Cases

Regency D

Gates Richards, MEd, WEMT-I

This lecture will explore the challenges of leadership, decision-making, remote evacuations and the application of wilderness medicine through case studies from the NOLS incident database. We'll look at the medicine, and the often equally important component of leadership and teamwork, and share lessons learned from experience.

📊 Essentials of Documentation + “The Patient Sign-off” *Potomac I&II*

James W. Wilmerding, MS, MEd, EMT-P

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

🌟 Training the Preceptor:

Regency A

Bridging the Gap Between Classroom and the Real World

Graig “Giddy” Straus, MSN, APRN, FNP-EC, CEN, FF/EMT

Training the new EMT can be a daunting task. Your role as Training Officer/Preceptor helps shape those new members who you instruct for the rest of their careers. As a preceptor, it is your job to extract what the new member learned in the classroom

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and help them apply that knowledge in the field. This lecture will help clarify what should be expected of you as preceptor, and what you should expect of new members you instruct in the "real world."

Pump, Blow, Where to Go?

Washington A

Cutting Edge Compression Strategies for Survival

Benjamin Lawner, DO, EMT-P, FAAEM

Since publication of the Emergency Cardiac Care guidelines in 2010, the focus of cardiac arrest care has shifted towards BLS interventions. EMS systems have made significant progress in increasing neurologically intact survival from cardiac arrest. Attendees will review interventions associated with patient benefit and discuss the important roles of EMTs and paramedics in changing the standard of cardiac care.

Debriefing and Cardiac Arrest Quality Improvement

Fairfax

David B. Hiltz, NREMT-P and Michael Smith, MPH, EMT-B

Effective debriefing helps teams understand the basis of their actions and to ultimately close performance gaps. This lecture will give you an overview of the theory behind the GAS (gather, analyze, summarize) model of debriefing and discuss the implementation of a debriefing program for your organization.

An Evidence-Based Look into my EMS Glass Ball: The Next Big Things in Prehospital Care

Potomac III&IV

Blair Bigham

Radical changes are coming to the way EMS providers assess, manage and transport patients. In this exciting talk, Blair will give us a sneak peak at late breaking evidence, and where the trends seem to be leading. Where will EMS be in 5 years? 10 years? 20 years? A blended anthropologic-scientific approach highlights how the tipping point for change is finally here for so much of what we do.

Weaving Preparedness into Healthcare

Washington B

David Rykken, MPH

The Hospital Preparedness Program (HPP) provides leadership and funding to states, territories, and eligible municipalities to improve surge capacity and enhance community and hospital preparedness for public health emergencies. The HPP Program funding supports improving infrastructure, a capability based approach to planning and coalitions to help build an integrated, comprehensive, national preparedness and response healthcare system that is scalable and coordinated to meet local, state, and national needs through integration within daily healthcare delivery.

Scuba Diving Emergencies

Regency C

Gary Hecker, RN, CCRN, EMT, CIC

This session will provide participants with a brief overview of diving physics and physiology. Emergencies at different phases of the dive will be reviewed (pre-dive, descent, intra-dive, ascent). The role of hyperbaric oxygen therapy for decompression sickness and arterial gas embolism will also be discussed.

Stop Sexual Harassment in Its Tracks: How to Be an Upstanding Bystander

Lincoln

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

In an hour, learn what you can do to define, recognize, reduce - perhaps eliminate - sexual harassment in your community - from the locker room to the classroom and beyond. Through a free new training video and an open discussion, learn how to apply the skills of being an informed bystander to other forms of injustice on your crew or across your campus.

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Skills Lab: EMS Handoffs:

Arlington

Enhancing Effective Communication

Samuel M. Galvagno, Jr., DO, PhD

This session will focus on ways to enhance communication during transfer of patient care. Techniques for effective communication will be reviewed in an interactive setting with a special emphasis on telecommunications, on-line medical direction, and hand-offs to emergency and critical care physicians.

Panel: Careers After Collegiate EMS

Regency E&F

Jennifer Shoemake, NCEMSF Hotel Liaison, Moderator

This panel discussion will focus on how campus EMS influenced career decisions and options after campus based EMS. Ask the panelists how they have utilized their campus EMS experience to guide their careers and explore the next steps for your own future post-collegiate EMS. Panelists include: John T. Casey, James Kish, RN, Matthew D. Ricci, MA, Kevin M. Sullivan, MS, and Kevin A. Zajac.

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

Regency Foyer

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

Interesting Cases

Regency B

Ron Roth, MD

In a case presentation format, the lecture will present real cases and will ask the audience to comment on the care provided on these calls. The misadventures of other providers can provide insight into the complex nature of providing care out of hospital and hopefully keep history from repeating itself.

The Hangover 3: Management of the Intoxicated

Regency A

James Kish, RN, BSN, CEN, PHRN

Alcohol, illicit and prescription drug abuse all lead to interactions with EMS providers. This results in numerous visits to emergency rooms (ERs) around the country. This presents many challenges for our EMS and ER providers. One place that is consistently a source of these problems is college campuses. This lecture will provide information regarding emergency assessment, management, and treatment of intoxicated patients from the field to the ER.

Death by Drowning: CHF Revisited

Regency C

Joshua Moskovitz, MD, MPH

Reconsider what you know about CHF. The day of Lasix is over! Learn modern interventions that are saving lives and stopping intubations, and how you, as an EMS provider, can turn a patient around faster than it takes you to drive to the hospital.

Hemostasis for the Field Provider

Regency D

Babak Sarani, MD, FACS, FCCM

This presentation will review the causes of coagulopathy (impairment in the clotting system) following trauma. We will also discuss methods to control hemorrhage in the prehospital setting and how to mitigate coagulopathy en route to the hospital. Lastly, we will review the latest in topical hemostatic agents.

"Moving with the Cheese"

Potomac I&II

Management of Your EMS Program

Frank Caria, MPA, CHC, AEMT

Change is an ever evolving process that affects every leader and member in EMS. Leadership and management are especially important when implementing, dealing

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with, and evaluating changes. Utilizing principles outlined in a best-selling book, this session, geared towards current, new and upcoming managers, will help you to discover, anticipate, identify and learn strategies to deal with changes taking place today that are affecting every organization.

✿Shaping Your Message for the Media

Washington A

Brian K. Lee

The goal of this presentation is to discuss successful tips and techniques for dealing with the media in emergency incidents. The discussion will cover limitations on the release of personal information; how to give accurate acute and necessary information. Strategies for community specific and event driven message tailoring and effective speaking strategies for the Public Safety Officer.

✿No A\$\$h*les Need Apply

Washington B

Kevin M. Sullivan, MS, NREMT-P

Organization culture makes or breaks virtually every work place – including the campus EMS organization. Using strategies developed by sociologist and management researchers, this session is designed to give leaders the basic tools and knowledge that they will need to help identify and manage problematic personalities before they become a distraction to your organization's core mission and culture.

❖Disaster Medical Action Planning (DMAP)

Potomac III&IV

Medical Response Planning During Chaos

Robert L. Ditch, Colonel, USAF, Retired, EdD, MSHS, CEM, NREMT-P

Disasters and other emergencies occur without much (if any) warning and require EMS first responders to be capable of transitioning from day-to-day prehospital care practices; shifting into employing disaster response principles and processes to save lives. To assist in bringing order out of such chaos, pre-established/tested plans need to be executed and the employment of EMS resources needs to be guided through a methodical incident action planning process. This presentation provides an overview of deliberate, crisis action, and incident action planning; assisting in bringing trust, confidence and hope into the disaster response.

❖Response to High Threat Emergencies and

Potomac V&VI

The Implementation of Tactical Emergency Casualty Care

Geoffrey L. Shapiro

This presentation addresses patient management techniques that are useful on daily trauma calls, but also focuses on threat based medicine; in other words, how to respond and react to the types of events we are unfortunately seeing way too frequently.

✿Training the Trainer to Train

Fairfax

Stu Rosenhaus

This highly interactive program is geared for new and perspective training officers, instructors, or anyone involved in training. We will discuss the basics of oral presentations and skills demonstrations. We will stress how to keep things lively in the classroom. Participants will have a chance try out some icebreakers and creative thinking exercises.

Skills Lab: STEMI

Lincoln

Benjamin Lawner, DO, EMT-P, FAAEM

This lab uses sample ECGs as the starting point for conversation and questions. It provides practice in recognition of STEMI and STEMI imposters.

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Skills Lab: Event Medicine

Jefferson

Giving You More to Bring to the Table

Benjamin N. Abo, DO, EMT-P and Clay Richmond, NREMT-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: Recruitment and Retention

Arlington

Katie Egan and Zachary Matuzsan, NCEMS Regional Coordinators

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

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

George J. Koenig, Jr, DO, NCEMS President

Crew Resource Management

Babak Sarani, MD, FACS, FCCM

This talk will discuss why errors occur in stressful environments and will compare medicine to other stressful environments, such as the aviation and nuclear industries, where errors are both catastrophic and also nearly non-existent. We will discuss why errors are much more common in medicine and methods to avoid them. We will review solutions to improve team function and patient outcome, both in the pre-hospital and hospital setting. We will review videos demonstrating excellent team function as cases-in-point.

6:00 pm - 7:00 pm *Leadership Presentation & Business Meeting* Regency E&F *George J. Koenig, Jr, DO, NCEMS President*

Celebrate NCEMS's 20 year history - learn how the Foundation has grown over the last two decades and where the Foundation is heading for the next decade. Learn how NCEMS can better serve you through all of its programs and member benefits. Includes brief reports from the NCEMS Executive Officers, Division Coordinators and Committee Chair-people as well as the unveiling of several new programs and initiatives.

Awards Ceremony

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

- Striving for Excellence
- Richard W. Vomacka Student Speaker Competition
- 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 NCEMS Service Award

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

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 in advance for reservations. Considering pairing up with another squad and eating together and continuing conversations from earlier in the day. See a listing of local restaurants and other nighttime suggestions on page 33 or consult the Hotel Concierge.

After dinner on the town, there is plenty to do! Stay out and enjoy the city, join us on a tour of the of monuments or return and join the party at Club NCEMSF!

8:30 pm - 12:00 am *Tour The Monuments by Moonlight*

Take advantage of a free night in the nation's capital! NCEMSF has coordinated shuttle buses to escort conference attendees on a self-guided tour of the various historic sites and monuments in and around Washington, DC. See the 9/11 Memorial at The Pentagon (1), The Jefferson Memorial (2), The FDR Memorial, The Martin Luther King Jr. Memorial (3), The National Mall, The White House, The Washington Monument, The WWII Memorial (4), The Lincoln Memorial (5), The Korean War Memorial, The Vietnam Veterans Memorial, and Arlington National Cemetery.

Buses will depart from the front of the hotel starting at 8:15 pm and roughly every 15 to 30 minutes there after until 11:30 pm. Buses will make a few of stops along the route to drop attendees and allow them to wonder and observe the memorials up close (the busses will continue along the loop - stops are indicated in parenthesis above) - you can walk between monuments or wait for the next bus to pick you up where you got off. Each loop should last approximately one to two hours depending on how much time you spend at the various monuments. Should you get separated another bus will follow shortly (look for the NCEMSF sign) or you can easily catch the Metro or a cab back to the hotel. Many of the monuments are open 24 hours a day, however, some close at 11:45 pm. NCEMSF Conference ID required to board buses.

Bundle up and enjoy! See map on page 34 for more details.

10:00 pm - 2:00 am *Club NCEMSF* *Independence A*

Join the party at Club NCEMSF! Hop in the photo booth and create memorable souvenirs of you and your collegiate EMS friends from across the country. No need to congregate in the halls or cram large groups into a small hotel room, when you return to the hotel from dinner and tours of DC, join the party! Our live DJ will get this dance party started and keep it going well into the night. The music will continue until 2AM, but the fun can continue - 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 be served.

GET SOME REST!

WE'LL SEE YOU IN THE MORNING...

Schools in Attendance

*At the time of publication, the following 102 universities (949+ 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>
American University	1	DC	Mid Atlantic	Startup	
Arizona State University	6	AZ	Central	BLS	QRS
Bard College	7	NY	New York	BLS	QRS
Bellarmine University	4	KY	Southeast	BLS	Event
<i>Binghamton University</i>	35	NY	<i>New York</i>	ALS	<i>Ambulance Transport</i>
Boston College	6	MA	Massachusetts	BLS	QRS
<i>Boston University</i>	4	MA	<i>Massachusetts</i>	BLS	QRS
<i>Brandeis University</i>	15	MA	<i>Massachusetts</i>	BLS	<i>Non-emergent Transport</i>
Brown University	3	RI	Northeast	ALS	Ambulance Transport
Carnegie Mellon University	20	PA	Pennsylvania	BLS	QRS
Case Western Reserve University	9	OH	Midwest	BLS	Transport
Clark University	15	MA	Massachusetts	FR	QRS
Clarkson University	2	NY	New York	BLS	QRS
Colby College	3	ME	Northern New England	BLS	QRS
College of Charleston	7	SC	Southeast	ILS	Ambulance Transport
Columbia University	12	NY	New York	BLS	Ambulance Transport
Cornell University	10	NY	New York	BLS	Non-emergent Transport
Dartmouth College	8	NH	Northern New England	BLS	QRS
DeSales University	10	PA	Pennsylvania	BLS	QRS
Drexel University	10	PA	Pennsylvania	BLS	QRS
Emory University	13	GA	Southeast	ILS	QRS
Florida State University	1	FL	Southeast	BLS	QRS
Fordham University	8	NY	New York	BLS	Ambulance Transport
Franklin and Marshall College	6	PA	Pennsylvania	BLS	QRS
<i>Franklin Pierce University</i>	6	NH	<i>Northern New England</i>	BLS	QRS
Georgetown University	5	DC	Mid Atlantic	BLS	Ambulance Transport
Harvard University	11	MA	Massachusetts	Startup	
Hobart and William Smith Colleges	4	NY	New York	BLS	QRS
John Carroll University	9	OH	Midwest	BLS	QRS
<i>Johns Hopkins University</i>	10	MD	<i>Mid Atlantic</i>	BLS	QRS
Juniata College	9	PA	Pennsylvania	BLS	QRS
Lehigh University	6	PA	Pennsylvania	BLS	QRS
Loyola Marymount University	12	CA	West	BLS	QRS
Massachusetts Institute of Technology	11	MA	Massachusetts	BLS	Ambulance Transport
Massachusetts Maritime Academy	4	MA	Massachusetts	BLS	Ambulance Transport
<i>McMaster University</i>	4	ON	<i>Canada</i>	BLS	<i>Non-emergent Transport</i>
Mount Holyoke College	6	MA	Massachusetts	BLS	QRS
Muhlenberg College	9	PA	Pennsylvania	BLS	Non-emergent Transport
Northeastern University	6	MA	Massachusetts	Startup	
Northern Arizona University	1	AZ	Central		
Northwestern University	2	IL	North Central	Startup	
Norwich University	10	VT	Northern New England	BLS	Non-emergent Transport
Pennsylvania State University	16	PA	Pennsylvania	BLS/ALS	Ambulance Transport
Rensselaer Polytechnic Institute	6	NY	New York	BLS	Ambulance Transport
Rice University	8	TX	Central	ILS	QRS
Rochester Institute of Technology	24	NY	New York	BLS	Ambulance Transport
<i>Rowan University</i>	17	NJ	<i>Northeast</i>	BLS	<i>Ambulance Transport</i>
Saint Anselm College	7	NH	Northern New England	BLS	QRS
Saint Michael's College	4	VT	Northern New England	ILS	Ambulance Transport
<i>Santa Clara University</i>	12	CA	<i>West</i>	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>
Springfield College	10	MA	Massachusetts	BLS	QRS
St. Bonaventure University	20	NY	New York	BLS	QRS
St. Lawrence University	4	NY	New York	BLS	QRS
<i>SUNY Albany</i>	<i>12</i>	<i>NY</i>	<i>New York</i>	<i>BLS</i>	<i>Ambulance Transport</i>
SUNY College at Cortland	2	NY	New York	BLS	QRS
SUNY Geneseo	5	NY	New York	BLS	QRS
SUNY Oneonta	20	NY	New York	BLS	QRS
SUNY Oswego	17	NY	New York	BLS	Ambulance Transport
<i>SUNY Potsdam</i>	<i>5</i>	<i>NY</i>	<i>New York</i>	<i>BLS</i>	<i>QRS</i>
SUNY Stony Brook	12	NY	New York	ALS	Ambulance Transport
<i>Syracuse University</i>	<i>8</i>	<i>NY</i>	<i>New York</i>	<i>BLS</i>	<i>Ambulance Transport</i>
Temple University	9	PA	Pennsylvania	BLS	Non-emergent Transport
Texas A&M University	17	TX	Central	ALS	Ambulance Transport
<i>The College of New Jersey</i>	<i>4</i>	<i>NJ</i>	<i>Northeast</i>	<i>BLS</i>	<i>QRS</i>
The George Washington University	8	DC	Mid Atlantic	BLS	Ambulance Transport
Trinity College	3	CT	Northeast	BLS	QRS
Tufts University	10	MA	Massachusetts	BLS	Non-emergent Transport
Tulane University	12	LA	Central	BLS	Ambulance Transport
University of Arizona	6	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	5	IL	North Central	FR	Event Standby
University of Dayton	10	OH	Midwest	BLS	Ambulance Transport
University of Delaware	37	DE	Mid Atlantic	BLS	Ambulance Transport
University of Georgia	1	GA	Southeast		
University of Guelph	18	ON	Canada	BLS	QRS
University of Il. at Chicago	4	IL	North Central	BLS	Ambulance Transport
University of Il. at Urbana-Champaign	8	IL	North Central	BLS	Event Standby
University of Iowa	1	IA	North Central	EDU	
University of Manitoba	5	MB	Canada	FR	Event Standby
<i>University of Massachusetts Amherst</i>	<i>17</i>	<i>MA</i>	<i>Massachusetts</i>	<i>BLS</i>	<i>Event Standby</i>
University of Massachusetts Lowell	6	MA	Massachusetts	BLS	QRS
University of New England	10	ME	Northern New England	BLS	QRS
University of Pennsylvania	23	PA	Pennsylvania	BLS	QRS
University of Pittsburgh	17	PA	Pennsylvania	EDU	Event Standby
University of Rhode Island	10	RI	Northeast	BLS	Ambulance Transport
<i>University of Richmond</i>	<i>8</i>	<i>VA</i>	<i>Mid Atlantic</i>	<i>BLS</i>	<i>QRS</i>
University of Rochester	9	NY	New York	BLS	QRS
University of South Florida	9	FL	Southeast	BLS	Event Standby
University of Vermont	9	VT	Northern New England	ALS	Ambulance Transport
University of Windsor	12	ON	Canada	BLS	QRS
University of Wisconsin Madison	3	WI	North Central	FR	QRS
Ursinus College	4	PA	Pennsylvania	BLS	QRS
Vassar College	10	NY	New York	BLS	Non-emergent Transport
Villanova University	9	PA	Pennsylvania	BLS	Ambulance Transport
Virginia Military Institute	2	VA	Mid Atlantic	Startup	
Virginia Polytechnic Institute	12	VA	Mid Atlantic	BLS/ALS	Ambulance Transport
Washington and Jefferson College	1	PA	Pennsylvania		
Washington University - St. Louis	3	MO	Central	BLS	QRS
West Chester University of PA	8	PA	Pennsylvania	BLS	Non-emergent Transport
Worcester Polytechnic Institute	7	MA	Massachusetts	FR	QRS

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

Conference Schedule - Sunday, February 24, 2013

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

Regency Foyer

8:00 am - 9:00 am *Workshop Session 9*

A Day in the Life of an EM Resident

Regency A

Joseph Grover, MD

The purpose of this lecture is to introduce participants to common patient scenarios commonly encountered by emergency medicine residents. It will be presented in a manner similar to a regular shift in the ER, providing case histories followed by laboratory findings, followed by imaging studies to demonstrate the thought process and the workup involved in a typical shift. Cases will include an abdominal pain patient and a chest pain patient. The goal of the presentation is to introduce to participants the thought process involved in working patients up in the ER, provide them with an introduction to many of the different tests/procedures commonly performed by residents, and help them understand the differential diagnosis involved in very common chief complaints.

♦ Little Patient, Big Trauma:

Regency B

Pediatric Trauma Patient Management and Hand-Off

Sean McMullen, NREMT-P

Even the most seasoned EMS provider's pulse quickens when responding to a call that involves a child, and especially so when the child is a Level I trauma. However, by knowing the major differences between traumatic injuries in adults and those in children, managing a pediatric trauma patient can be done more effectively and more confidently. This presentation will cover major topics in pediatric trauma care, as well as efficient patient hand-off to a hospital trauma team.

✿ Suitability Screening for EMS:

Regency C

Eliminating "Bad Apples"

Jonathan E. Warczak, MA

Controversies involving inappropriate behavior by EMS providers have made headlines recently, including a firefighter who posted pictures of an accident victim on Facebook and a paramedic who admitted to inappropriate sexual contact with a restrained patient. Despite the level of trust that the community places in EMS providers, few collegiate EMS squads conduct more than a cursory review of a candidate's suitability to serve as an EMS provider. This session will provide effective techniques for squad leadership to weed out potential "bad apples" to limit liability, preserve squad reputation, and improve membership retention. Case studies specific to the collegiate environment will challenge attendees to make consistent, non-discriminatory, evidence-based decisions.

✿ Evaluating Medical Decision Making in Prehospital Care *Potomac III&IV* A Fuzzy-Trace Theory Approach

Andrew Lazar, MA

The elements of fuzzy-trace theory, specifically gist and verbatim representations, have been shown to have a demonstrable impact on medical decision-making by physicians and patients. This study investigates the relative contributions of each representation in a prehospital care setting. Given the protocol-based nature of emergency medical services, previous research suggests that verbatim traces would have a greater contribution, but results showed desirable deviations from protocols that were based on gist. Specifically, when expertise increases, so too did the use of gist representations, in contrast to standard dual-process theories.

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❖ Planes, Trains and Ambulances

Regency D

Shad U. Ahmed, CEM, CFM and Joshua Manfredo

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

☯ Taking the Pulse of the City:

Potomac I&II

Syndromic Surveillance and Public Health

Kathryn Kinzel, MPH

Traditional surveillance systems for diseases of interest tend to be slow to react to rapidly evolving situations or outbreaks. Here, syndromic surveillance is explored as an interesting addition to more passive surveillance systems, by providing data based on symptoms reported to emergency departments and EMS. Using the city of Boston as an example, this year's flu season, a spike of intoxicated students, and other occurrences are highlighted as examples of how syndromic surveillance is a unique way to identify public health problems and outbreaks.

☯ Queering the Field: an LGBTQ Primer

Potomac V&VI

Mariah Swiech Henderson, EMT-B

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.

Physio-Control EMS Skills Competition Review

Washington A

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.

Roundtable: Administrator/Advisor/Medical Director

Washington B

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

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.

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

⚡ Whoa, whoa, WHOA!! Excited Delirium

Regency A

Benjamin N. Abo, DO, NREMT-P

More and more cases of excited delirium syndrome and reactions to bath salts have hit the news. Throughout all of these cases, there remains a variety of outcomes for these patients, and the teams of care givers for these patients. Do you know how to distinguish acute psychosis versus excited delirium? Do you know how to treat excited delirium? Do you have the ability to treat excited delirium? This session will delve into the details of excited delirium syndrome and how to best manage these patients.

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🚑 Push, Push...Uh Oh

Regency B

David Silver, MD, MS

One of the most exciting, yet stressful calls in the world of EMS is for a woman in labor. While most of these calls end with the seamless delivery of a healthy baby, there are a number of dire complications that need to be handled promptly and properly. This session will provide the collegiate first responder those skills essential for difficult deliveries. Videos will be used to help illustrate techniques.

💧 Ugghh!!! Abdominal Pain Again

Regency C

Jason Bartell, RN(EC), BScN, NP-PHC

One of the vaguest complaints that any health care professional can hear is, "I have abdominal pain". From this simple statement one has to determine if this is a benign complaint or an acute/critical issue. This presentation/case study session will review the basic anatomy/physiology of the abdomen, assessment techniques, and a small list of common/critical causes of abdominal pain to help EMS providers know what to look for and when to transport fast.

🚒 Scene Safety: What Does That Really Mean?

Potomac I&II

Daniel Maas, EMT-B

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.

🚒 Emergency Management Training for Campus:

Potomac III&IV

An Exercise Cookbook

Mark Milliron, MS, MPA

Most colleges and universities have developed emergency response plans, but how many have actually conducted meaningful exercises that adequately test their plans and involve outside agencies? This presentation will offer several recipes for creating and carrying out table-top, functional, and full-scale exercises on your campus.

❖ No Longer Will a Substandard Response Be Acceptable Regency D Planning and Execution of an EMS Response Plan

Clay Richmond, NREMT-P

Special Events and mass gatherings happen everyday and in every jurisdiction. They are a source of enjoyment for the participants and anxiety for the EMS personnel charged with protecting them. This is where the SEMS Methodology which has been endorsed by the AAOS can be an indispensable resource, helping to ensure that no matter the size of the event or the size of your service you are prepared. With 16 years of experience and nearly 10,000 events serviced, Clay Richmond will share his years of experience with you.

🚌 Getting Out of "The Back of the Bus" And What Are YOU Doing for Spring Break?

Potomac V&VI

James Wilmerding, MS, MEd, EMT-P

Is there really an alternative to the beaches of Ft. Lauderdale, Destin or Cancun for Spring Break?? You bet!! How about sharing your EMS skills, talents and interests while traveling to wonderful locations? The role of the EMS provider continues to evolve and

Conference Schedule - Sunday, February 24, 2013

expand. No longer are we confined simply to prehospital patient care “in the back of the bus” or attending to accident scenes or medical calls. Preventative healthcare screenings, teaching, training, community involvement and outreach both domestically and overseas are quickly providing unique venues for the EMS provider. Come discover how you can offer your services beyond the “red lights and siren.” Explore a variety of exciting worldwide volunteer opportunities and learn how you can become involved! RENEW - REFRESH - LEARN - SERVE!

Skills Lab: Megacode Resuscitation

Roosevelt

Benjamin Lawner, DO, EMT-P, FAAEM

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

Washington B

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.

10:20 am - 11:20 am Workshop Session 11

SOB, Wheezes, Trapping and Treatment:

Regency D

Actions for Asthma

Mark Forgues, MED, NREMT-P

Asthma affects a significant part of our population and seems to be growing. And, we are finding new triggers without knowing why they cause the problem. This class will explore the illness, treatment options and the use of albuterol by Basic EMTs to treat the acute illness. We will review current theories, treatments and protocols and how, in an attempt to assist an acute attack, rescuers can make it worse.

Emerging Infectious Diseases

Washington A

Joseph Zito, MD, MHS

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.

Really That Could Kill Me!

Regency C

Jason Bartell, RN(EC), BScN, NP-PHC

This case based presentation will examine some of the more mundane campus EMS calls (sore throat, flu, nausea/vomiting etc) and possible lethal complications that could be hiding. This session will review critical assessment information needed to assess what could seem like minor/boring complaints to ensure that the patient is not suffering from a more critical illness. Review of immediate required treatment and transport decisions will also be discussed.

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

Regency A

Benjamin N. Abo, DO, NREMT-P

The world of body modifications and fetishes can be a wild one. While some extreme practices prove to be rare, one never knows when they will come across some far out

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practices. Will it change your care? Do you leave it in or take it out? How do you remove it? This graphic session looks at some of the obstacles that you may come across, even in places you would never expect them, and how to handle them.

Two, Four, Six, Eight, How Do We Resuscitate?

Regency B

A Look at the Evolution of Cardiac Resuscitation

Mike Clumpner, PhD(c), MBA, NREMT-P

Since the inception of cardiac resuscitation and care, we have changed from the most basic of methods to increasingly complex resuscitation actions. During this lecture, we will look back at the past, evaluate current methods, and look forward to the future of resuscitation and post-resuscitation care. This presentation will also discuss the changes in the treatment given during the “ABC’s” of resuscitation. The presenters will also discuss the continued search for the resuscitation “Holy Grail.”

Controversies in Prehospital Care:

Potomac I&II

Beyond the Backboard

Benjamin Lawner, DO, EMT-P, FAAEM

Engage in active discussion about some of the current controversies in the practice of prehospital medicine. Practices formerly considered “standard of care” have not withstood the tests of time, examination, and critical analysis. Attendees will take a critical look at techniques such as spinal immobilization, advanced airway management, and pain control. Dr. Lawner will review the evidence base for these practices and lead the group in active discussion about the future of these interventions.

Texts, Tweets and Blogs: How Employers Can Regulate Off Duty Conduct in an Age of Social Media

Potomac III&IV

Douglas M. Wolfberg, JD

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

20-Years Later - What Really Happened in Somalia

Potomac V&VI

The UN Operations Somalia Medical Director’s Report

Robert L. Ditch, Colonel, USAF, Retired, EdD, MSHS, CEM, NREMT-P

This lecture recaptures the details of the unpublished story of the United Nations (UN) Medical Operations from 1993 to 1994 from the notes, journals, and memories of the UN in Somalia Medical Director; who served in that combat zone for a year. During this period the United States along with over a dozen other nations instituted a theater-wide health/combat casualty care and evacuation system for the 28,000 person UN Peacemaking force deployed to Somalia. They created from scratch, and managed without historical precedence, guidance, or directives a UN combined health care system of 17 hospitals, clinics, five aeromedical evacuation systems, and both a blood distribution and logistics system. This included the management of 95 casualty generating incidents including 36 combat and accident generated mass casualty incidents involving the treatment of over 480 UN/U.S. coalition and over 500 Somali injured. While under extreme combat conditions and subject to frequent enemy mortar, rocket, sniper and ground attacks, the UN medical teams were able to manage six of these incidents each involving 50 to 130 coalition and Somali wounded. This included the mass casualty operations as depicted in the movie Black Hawk Down.

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Skills Lab: Evacuation Tabletop Your School is Expecting Guests

Lincoln

H. Bucky Buchanan

During several recent major weather events, several higher educational facilities were used as reception centers and shelters for those who were in harm's way. From Pre-Planning, to following the "Planning-P", to playing host. What is your role? Chief Buchanan will lead the participants through a table-top exercise that will help attendees come up with a list of action items to bring back to their organizations.

Roundtable: Financing and Fundraising

Washington B

Jeffrey J. Bilyk and Ryan M. Hay, NCESMF Regional Coordinators

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

Roundtable: Startup

Jefferson

*Andrew S. Mener, MD, NCESMF Startup Coordinator and
Stephen J. Lanieri, NCESMF National Coordinator*

This roundtable discussion will be devoted to new startups aiding them 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.

11:30 am - 12:30 pm *Final General Session - Closing Keynote*

Regency E&F

EMS Response to the Active Shooter

Mike Clumpner, PhD(c), MBA, NREMT-P

The shootings at Columbine High School, Virginia Tech University, Newtown Connecticut, and the events of September 11th, 2001 have required public safety agencies small and large to analyze their abilities to provide care in the tactical environment. These events have also required public safety agencies to modify their response procedures at active shooter events. This powerful lecture will discuss many facets of active shooter response. The active shooter history will be discussed, including the constant modification of active shooter attacks based on research the shooter(s) conducted. Research of the active shooter "stopwatch of death" will be discussed, emphasizing the criticality of rapid response. The profile of the active shooter will also be explored, including predictors based on age, race, academic history, and social status. The threat of radical extremists and international terrorist threats against our schools will also be discussed and explored.

12:30 pm - 1:00 pm *Conference Wrap-Up*

Regency E&F

NCESMF 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 *NCESMF News*.

SEE YOU NEXT YEAR — FEBRUARY 21-23rd, 2014!

Washington, DC - Welcome to the Nation's Capital!

Museums, The National Mall, Capitol Hill, and The Monuments

The Smithsonian Institution sponsors a number of museums located along the National Mall. They include The National Air and Space Museum, The National Museum of American History, The National Museum of Natural History, The US Holocaust Museum, The National Building Museum, and The National Postal Museum, among many others. All museums are open to the public free of charge. While you're there, walk around the National Mall, get a tour of the Capitol, and visit the monuments. *Getting there:* From Crystal City, take the blue line to the Smithsonian stop.

Crystal City

Crystal City is Arlington's largest downtown area. You will find cafes, fine restaurants, small boutiques, and a shopping center. The shops are located between Jefferson Davis Highway and Crystal Drive.

Pentagon City

The Fashion Centre at Pentagon City provides the perfect venue for shopping. *Getting There:* From Crystal City, take the blue line one stop to Pentagon City

Georgetown

A beautiful historic neighborhood, Georgetown offers a variety of shops and restaurants along M Street and Wisconsin Avenue. *Getting There:* From Crystal City, take the blue line to the Rosslyn stop. Walk across the Key Bridge and turn right onto M Street.

Dupont Circle/Adams Morgan

Dupont Circle and the surrounding neighborhood, Adams Morgan, offer restaurants, cafes, and shops. From the circle, walk up Massachusetts Avenue and you'll enjoy the beautiful embassies along Embassy Row. *Getting There:* From Crystal City, take the blue line to Metro Center. Transfer to the Red Line bound for Shady Grove and get off at DuPont Circle.

Getting Around DC and Arlington

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 Hyatt Regency is \$27/day - includes unlimited in/out privileges; other local/cheaper options exist - PMI Self Parking, Colonial Parking).

Host Facility:

Hyatt Regency (703) 418-1234
2799 Jefferson Davis Highway, Arlington, VA

Metro - www.wmata.com

(5AM - 12AM M-F; 7AM - 3AM S/Su)

Washington has a metropolitan rail network. Train frequency varies depending on time, but usually ranges one train each 4 to 8 minutes. Fares range from \$1.70 to \$5.75, depending on the time and distance traveled. The stop nearest the hotel is **Crystal City** (1750 South Clark St., Arlington, VA) on Blue & Yellow lines.

Metro Bus - www.wmata.com

A complex system of bus routes accompanies the network of train lines. Normal fares are \$1.80; express routes cost \$4.00.

Taxi

Expensive but convenient (\$3 for first 1/8 miles, \$0.27 ea additional 1/8miles).

Royal Taxi: 202-398-0500

Yellow Cab: 202-546-7900

Several taxicab companies service Arlington:

Red Top: 703-522-3333

Yellow Cab: 703-522-2222



Dining - Lunch and Dinner Options

After a full morning, take a break to refuel, but hurry back because the afternoon schedule is just as jam packed! We recommend one of the eating establishments along Crystal Drive between the hotel and 23rd Street (exit the hotel and turn right). There are plenty of options to fit any appetite and budget.

The Crystal City Shops offer a plethora of options. Access to the shops is available at multiple points along Crystal Drive and copies of the shops directory are available once inside the shops. The shops themselves are divided into five clusters, all are connected via an interior pedestrian concourse. The Shops at 2100 Crystal Drive (cluster B) are closest to the conference host facility. www.thecrystalcityshops.com

The hotel also has a restaurant in the lobby that is open for lunch and dinner and *Chesapeake Grill* (American, \$\$\$) on the top floor of the hotel is open for dinner only. Special conference rates may apply - check with the hotel.

For dinner, we encourage you to venture out and grab a bite at one of the many restaurants in the Crystal City area - partial list included, please consult the concierge or your favorite app for additional ideas. Group up with another squad and eat together. After dinner, join your fellow NCMSFers on a tour of the monuments and at Club NCMSF!

Restaurants

Athena Pallas	556 S 22nd St	703.521.3870	Greek	\$\$
Bailey's Pub & grille	2010 Crystal Dr	703.416.0452	American	\$\$
Boru Asia Bistro	320 23rd St	703.412.5301	Sushi	\$\$
Bonsai Grill	553 S 23rd St	703.553.7723	Japanese	\$\$
Bozzelli's Italian Deli	2600 Crystal Dr	703.970.4570	Pizza-Deli	\$
Buffalo Wild Wings	2450 Crystal Dr	703.413.0160	American	\$\$
Café Italia	519 S 23rd St	703.521.2565	Italian	\$\$
Café Pizzaiolo	507 South 23rd St	703.894.2250	Italian/Pizza	\$\$
California Tortilla	2450 Crystal Dr	571.281.3229	Mexican	\$
Cantina Mexicana	515 23rd St	703.979.7033	Mexican	\$
Caribou Coffee	2100 Crystal Dr	703.414.0990	Coffee	\$
Charlie Chiang's	320 23rd St	703.413.3440	Chinese	\$
Cucina Vivace	509 23rd St	703.979.7676	Italian	\$\$
Chick-Fil-A	2200 Crystal Dr	703.415.7815	American	\$
Chili's	23rd & Clark St	703.418.2333	Mexican	\$\$
Chipotle Mexican Grill	23rd & Crystal Dr	703.920.8779	Mexican	\$
Clark Street Grill	2711 Jeff. Davis Hwy	703.418.1577	American	\$
Cold Stone Creamery	2150 Crystal Dr	703.418.2223	Ice Cream	\$
Corner Bakery Café	2200 Crystal Dr	703.412.0131	American	\$
Crystal City Sports Bar	529 S 23rd St	703.521.8215	American	\$\$
Cesar's Diner	539 S 23rd St	703.920.2700	Breakfast/Greek	\$
Good Stuff Eatery	2110 Crystal Dr	703.415.4663	American	\$\$
Freddie's Beach Bar	555 S 23rd St	703.685.0555	American	\$\$
Hamburger Hamlet	Crystal City Shops	703.413.0422	American	\$
Harar Mesob	542 S 23rd St	703.553.5500	Ethiopian	\$\$
Jimmy John's	2450 Crystal Dr	571.257.7261	American	\$
Jaleo Spanish Tapas & Bar	2250 Crystal Dr	703.413.8181	Spanish	\$\$
Kabob Palace	2315 S Eads St	703.486.3535	Afghan	\$
King Street Blues	Crystal City Shops	703.415.2583	BBQ	\$\$
Kohinoor Dhaba	2800 S Eads St	703.778.5005	Indian	\$
Kora Restaurant/Bar/Lounge	2250 Crystal Dr	571.431.7090	Italian	\$\$
Legal Seafood	23rd & Clark St	703.415.1200	Seafood	\$\$
Melody Tavern	3650 S Glebe Rd	703.413.4141	American	\$\$
Memphis BBQ	320 23rd St	571.970.2727	BBQ	\$\$
McCormick & Schmick's	2010 Crystal Dr	703.413.6400	Seafood	\$\$\$
Morton's of Chicago	Crystal City Shops	703.418.1444	Steak	\$\$\$\$
Neramitra Thai	2200 Crystal Dr	703.413.8886	Thai	\$\$
Noodles & Company	2011 Crystal Dr	703.979.1525	Asian	\$
Portofino	526 S 23rd St	703.979.8200	Italian	\$\$\$
Pizza Autentica	2450 Crystal Dr	703.415.7615	Pizza	\$
Ruth's Chris Steak House	2231 Crystal Dr	703.979.7275	Steak	\$\$\$\$
San Antonio Bar & Grille	18th & Crystal Dr	703.415.0126	Mexican	\$\$
Starbucks	2600 Crystal Dr	703.418.1015	Coffee	\$
Tortoise & Hare Bar & Grille	567 S 23rd St	703.979.1872	American	\$\$
Ted's Montana Grill	2200 Crystal Dr	703.416.8337	American	\$\$
Top Thai	521 S 23rd St	703.521.1305	Thai	\$
Urban Thai	561 S 23rd St	703.979.0777	Thai	\$

Other Food Within The Shops

Auntie Anne's Pretzels
Au Bon Pain
Café Jenna
Café Manna
Cosi
Deli Works
Dickey's Frozen Custard
Fro.Zen.Yo
Green Leaf Café
Larry's Cookies
McDonald's
The Perfect Pita
Philadelphia Mike's
Plaza Gourmet
Potbelly Sandwich Works
Quizno's
Sbarro Italian Buffet
Slice N Dice
Subway
Sushi Garden

Local Pizza Delivery

Domino's	703.684.3344
Papa John's	703.299.9555
Pizza Hut	703.836.3200



Additional Saturday Evening Ideas

Catch a movie at the **Regal Cinemas Cinema 16 at Potomac Yard** just down the road (3575 Jefferson Davis Hwy).

Catch the Green Line to U St and check out world-famous jazz and blues clubs along U St, like **Twins Jazz** (1344 U St NW), **Duke's City** (1208 U St NW), **Utopia** (1418 U St NW) or **Bohemian Caverns** (2001 Eleventh St., NW). [U Street/ African-American Civil War Memorial/Cardozo Station on the Green Line]

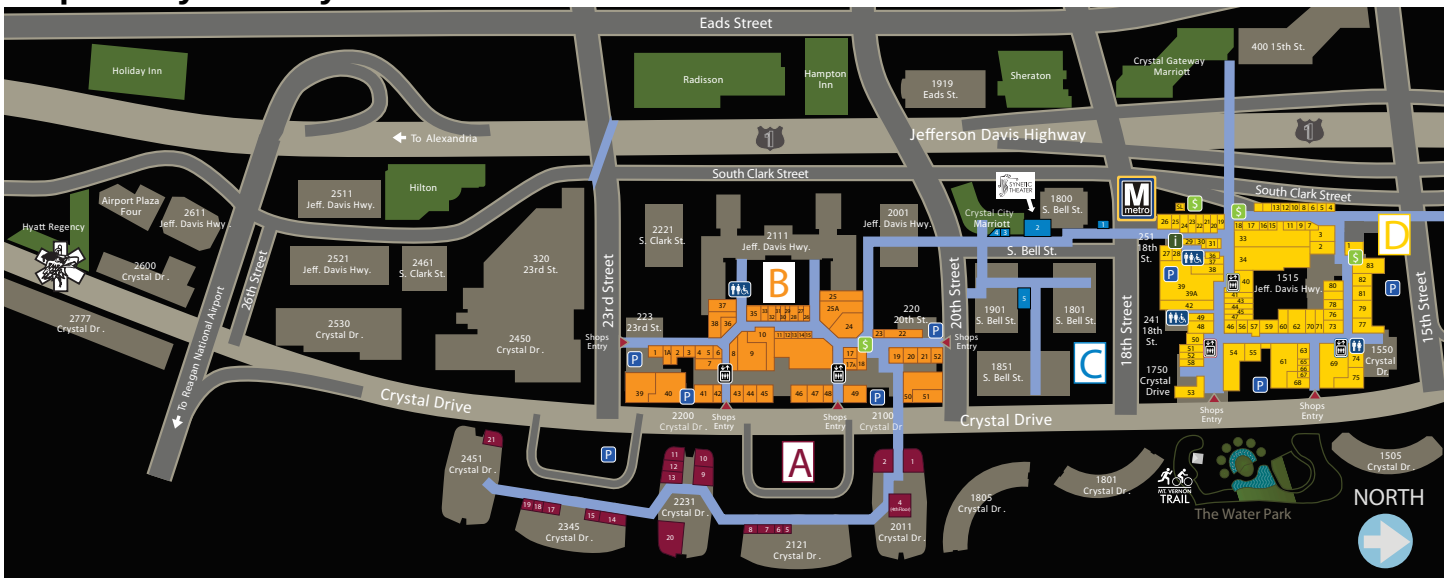
Take the Red Line to Chinatown (between H and I Sts and 5th and 8th Sts NW), and check out the Verizon Center, the shops at **Gallery Place** (7th and H St NW), and then head to **Lucky Strike Bowling** (701 7th Street NW, 21+ after 9pm). [Gallery Place-Chinatown Station on the Green, Yellow and Red lines]

Take advantage of some of DC's the great clubs, like **Club Love** (350 Okie St NE), **Fur Nightclub** (33 Patterson St NE, near the New York Ave/Florida Ave Station on the Red Line, 21+) **18th St Lounge** in DuPont Circle on the Red Line (1212 18th St NW), **Ultrabar** (911 F St. NW Gallery PI-Chinatown Station on the Green, Yellow and Red lines, 21+).

Take the Metro to the George Washington University Station (2700 F St NW). You also could walk west to the **Georgetown** neighborhood, where you can get dinner on the Waterfront at **Tony and Joe's** (3050 K St NW) or **Sequoia** (3000 K St NW), or grab drinks at one of the college bars like **The Tombs** (1226 36th St NW), **Rhino Bar** (3295 M St) or **Mr Smith's** (3104 M St NW). Finish up at the world-famous **Blues Alley** (1073 Wisconsin Ave NW, 18+).

Take the Blue or Orange line to the Smithsonian Metro Station and head to the **National Gallery of Art Sculpture Garden and Ice Skating Rink** (700 Constitution Ave NW). Open until 11pm Fridays and Saturdays.

Map of Crystal City



National Park Service Map of the Washington DC Monuments



Presenter Bios

Benjamin N. Abo, DO, NREMT-P

Ben is a man without borders who still after 16 years 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 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 non-profit organization charged with developing emergency care and access to care in developing countries. Ben is completing his fellowship in wilderness medicine from the Wilderness Medical Society as well as a MPH from Touro University.

Shad U. Ahmed

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

Jason Bartell, RN(EC), NP-PHC

Jason Bartell is a primary health care nurse practitioner who graduated from the Council of Ontario University Programs in Nursing Primary Health Care Nurse Practitioner program at the University of Windsor. Jason obtained his Bachelor of Science in Nursing from the University of Windsor, and recently completed his Masters of Nursing at the University of Windsor. Initially after graduating from nursing, he worked as a registered nurse in an intensive care/coronary care unit in Windsor. He is actively involved in educating health care professionals in the area of basic life support and pediatric advanced life support. His current practice as a nurse practitioner is in primary health care and focuses on health promotion and prevention, chronic disease management and acute/urgent care. Since 2008, Jason Bartell has served as the program coordinator for the University of Windsor Emergency Response Team (UWERT).

Blair Bigham

Blair is an advanced care flight paramedic in Ontario, Canada where he also holds positions as an Associate Scientist and land paramedic. He has led major research projects in resuscitation, knowledge translation, patient safety and most recently led the development of a national research agenda. Blair recently began medical school, and in what little free time he can find, enjoys travelling and exploring Ontario's wilderness with his kayak.

Jonathan Blatman, NREMT-P

Jonathan is active in many forms of EMS. He is the Pennsylvania State Advocacy Coordinator for NAEMT (National Association of Emergency Medical Technicians). He works part time as both a street and critical care transport paramedic, and is also a part-time Health Sciences student. Jonathan still volunteers as an EMT (11 years of service) and is a Lieutenant with West Chester University's Campus EMS organization.

H. Bucky Buchanan

Bucky Buchanan is an EMT/Rescue Technician with the Clinton First Aid & Rescue Squad in Hunterdon County, NJ, responsible for EMS Operations. He holds positions with FEMA Region II as a DAE Planning Specialist, with the Center for Domestic Preparedness as an Indirect Trainer, is Senior Instructor and President of RVESCUE, LLC a consulting firm in Central NJ. Chief Buchanan also serves on the NJ EMS Task Force's Incident Advance Team as the State's Staging Officer.

Frank A. Caria, MPA, CHC, AEMT

Frank has been active in EMS for 17 years in many roles. He has developed and revamped QA Programs, Compliance Programs and CME systems. While under his command, Dix Hills Rescue received the NY State EMS Agency of the Year. He earned his MPA in 2003, and his National Certification in Healthcare Compliance in 2009. He obtained his BA from Muhlenberg College where he also served as the Founder and Captain of its EMS program. He is currently employed as the Senior Compliance Analyst at Healthfirst in New York.

Michael Carunchio, MS, NREMT-P

Michael Carunchio is a 2005 alumnus of the University of Delaware Emergency Care Unit. He is currently a Paramedic Field Training Officer for Kent County EMS in Dover, DE. He is also a SWAT medic attached to the Smyrna Police Department. He is a University of Delaware alumnus (BA 2005, MS 2011) and recently completed additional graduate work at Wilmington University, where he works as an adjunct instructor in the graduate Homeland Security program.

John T. Casey, EMT-P

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

Laura A. Cathcart, MA, EMT

Laura Cathcart is a provider, instructor, and advocate for EMS in Prince George's County, Maryland, where she has lived and attended the University of Maryland for the past 12 years. She is the Maryland State Advocacy Coordinator for the NAEMT (National Association for Emergency Medical Technicians), a doctoral student in Curriculum and Instruction specializing in EMS education at the University of Maryland, College Park, and an EMS instructor for the Maryland Fire & Rescue Institute and Howard Community College. Laura is currently riding with the Laurel Volunteer Fire Department where she has most recently served as Lieutenant and Membership Committee Chair. She is a microbiologist by training and managed the undergraduate microbiology teaching labs at the University of Maryland, College Park for six years. Laura currently teaches mammalian physiology to aspiring medical students at the University of Maryland, College Park.

Presenter Bios

Angela R. Cirilli, MD, RDMS, FACEP

Angela Cirilli is an Assistant Professor of Emergency Medicine at the Hofstra North Shore-LIJ School of Medicine. After graduating with a MD from the Medical College of Wisconsin, she completed an emergency medicine residency medicine at Henry Ford Hospital in Detroit, followed by an Ultrasound Fellowship at North Shore University Hospital. She currently works at both North Shore and LIJ Hospital in New York as the Director of Resident Education in Ultrasound. She continues to teach nurses, residents and medical students in the field of Emergency Medicine. Areas of interest include pre-hospital ultrasound, critical care ultrasound and ultrasound education.

Mike Clumpner, PhD(c), MBA, NREMT-P

Mike Clumpner is the CEO and senior partner with Nimshi International, a Charlotte, North Carolina based-company specializing in providing homeland security training and consulting, public safety training, disaster response training, tactical medicine training and response, critical care medical education, expert medical legal review, and healthcare consulting. Mike is also a full time fire captain/paramedic with the Charlotte Fire Department - Special Operations Division. Mike is a decorated 20-year veteran of the fire service. Mike is a FEMA Medical Task Force Leader assigned to North Carolina Urban Search and Rescue Task Force 3 (NCTF-3) and has worked since 2004 as a helicopter flight paramedic with Regional One Air Medical Service, located at a large Level I trauma center in Spartanburg, South Carolina. Mike is also an assistant professor in the Emergency Health Science Department at the University of Maryland at Baltimore County where he is responsible for program development and instruction. Note: BioStat, LLC (maker of Celox) donated to offset Mr. Clumpner's expenses.

Teresa Deak, MD

Teresa Deak is an Emergency Physician currently practicing at Mountain View Regional Medical Center in Casper, Wyoming and Lincoln Medical Center in Fayetteville, Tennessee. After completing her Medical Degree at Northeastern Ohio Universities College of Medicine, she did her emergency medicine residency at North Shore University Hospital - Long Island Jewish Medical Center.

Robert L. Ditch, EdD, MSHS, CEM, NREMT-P

Dr. Ditch is a retired Colonel who served in the United States Air Force for 32 plus years with six combat tours/assignments. He is also a 39 year pre-hospital care provider and university professor who teaches EMS Management, Homeland Security, and Disaster / Emergency Management for five universities. He is an academic advisor for two EMS academies and the National Disaster Life Support Foundation; and teaches multiple EMS pre-hospital care and disaster life support courses. He also responds to domestic and international disasters as a Planning Section Chief on both a Federal Incident Response Coordination Team and a Regional Incident Management Team.

Peter I. Dworsky, MPH, EMT-P

Peter Dworsky is the Corporate Director of Support Services at MONOC, where he is responsible for risk management and injury prevention programs. He holds a MPH in EMS Management and is an OSHA Certified Safety Professional. He is a member of the EMS Safety Foundation and NAEMT's Health and Safety Committee. Mr. Dworsky also serves as the Safety Officer for the NJ State EMS Task Force and the sub-chair for

the NJ State EMS Safety Committee. He was recently appointed the Secretariat for International Paramedics

Mark Forgues, MEd, NREMT-P

Mark Forgues has more than 30 years of EMS experience in municipal, hospital-based, volunteer, private, fixed-wing, collegiate and fire-based EMS agencies. He is Director of Medical Resources Group, LLC, an education and consulting firm; technical director of the Massachusetts Institute of Technology Emergency Medical Services; and a per diem paramedic with Wayland (MA) Fire Department

Samuel M. Galvagno, Jr., DO, PhD

Dr. Galvagno is an Assistant Professor at the University of Maryland, R. Adams Cowley Shock Trauma Center, and is board certified in anesthesiology, critical care medicine, and public health. He earned his PhD from Johns Hopkins in 2012; his thesis: "Helicopter emergency medical services for adults with major trauma." His major interests include aeromedical critical care, pain management in the ICU, medical education, and patient safety. He teaches FCCS, ACLS, PALS, and ATLS. A Lieutenant Colonel in the US Air Force, he is the Director of Critical Care Air Transport Team (CCATT) Operations at the 943rd Aerospace Medicine Squadron at the 943rd Rescue Group, Davis-Monthan Air Force Base, Arizona. He is a former paramedic and national ski patroller, and has been involved with EMS education and training for over 18 years.

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

Eric Marlowe Garrison is a forensic and clinical sexologist, university administrator, consultant for universities and NCAA teams, medical school lecturer, and internationally bestselling author. In the areas of sexual assault and intimate partner violence prevention, Eric has devoted two decades to training groups around the world - from Oxford, Mississippi, to Oxford University. Eric has presented on sexuality and healthful relationships to countless universities with NCEMSF membership. You may learn more about Eric at www.ericmgarrison.com.

Erik S. Gaull

Erik Gaull is a Nationally Registered Paramedic, Certified Emergency Manager®, Certified Protection Professional®, Certified Business Continuity Professional®, and Project Management Professional®. He has been a firefighter, paramedic, police officer, and park ranger in several states. His work experience includes senior positions in government at the local, state, and federal levels, including serving as the Director of Operational Improvements for the District of Columbia under Mayor Anthony A. Williams. Erik has a Master of Public Policy and an MBA from Georgetown.

Michael P. Glaubach, MEd, NREMT

Capt. Michael Glaubach has been with the GW Police Department since 2000 and currently serves as the Captain of Patrol and EMS Operations. He is a certified instructor for IPMBA, ASHI, APCO, the DC Dept. of Health, and in multiple use of force systems. Capt. Glaubach has been involved with campus EMS (EMERG) as an instructor or provider since 2003.

Jason Goldberg

Jason Goldberg has been a volunteer FF and EMT with the Cabin John Park Volunteer Fire Department for 11 years, including five consecutive years as a top responder. He is a board member and VP of Recruiting for the Washington, DC

Presenter Bios

Chapter of the Emergency Volunteers Project (EVP) and serves on the NENA/APCO 911 mobile app workgroup committee. He has worked as the nation's first volunteer fire and rescue recruiter, developing the first standardized recruitment and retention plan. Since July 2011, he has served as the North American Sales Manager of NowForce Ltd., a developer of comprehensive mobile emergency response solutions.

Michael Guttenberg, DO, FACEP, FACOEP

Michael Guttenberg is an Assistant Professor in Emergency Medicine at the Hofstra North Shore-LIJ School of Medicine and the Director 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.

Gary Hecker, RN, CCRN, EMT, CIC

Gary Hecker has over 25 years of experience in EMS, including paid and volunteer positions in the New York City 911 system. Gary got his start in EMS with the SUNY Stony Brook Volunteer Ambulance Corps, and later with the Brooklyn College Emergency Medical Squad. He has been involved in EMS education for over 22 years, and is a Senior Instructor Coordinator. Gary also has 20 years of experience in Emergency and Critical Care Nursing. Presently he is the Nursing Education Coordinator for a Hospital in Brooklyn. Gary is also a member of a Disaster Medical Assistance Team (DMAT)

Mariah Henderson

Mariah Swiech Henderson received her BA in Music Performance and Psychology from Brandeis University in 2012. She served three years on the Brandeis Emergency Medical Corps (BEMCo), and held the position of Training Officer during her senior year. In addition, she spent three years as co-coordinator for TransBrandeis, the branch of the University's LGBTQA organization focusing on gender and the trans communities. Mariah currently works as an EMT for a private ambulance service in the Boston area.

David B. Hiltz, NREMT-P

David Hiltz has over 25 years experience in the healthcare industry as a healthcare provider, with a special interest in emergency medicine and resuscitation. His clinical experience includes in and out-of-hospital care, working in both acute and sub-acute care settings including medical surgical care, intensive care, emergency departments and cardiac rehabilitation. His EMS experience includes work in private sector, municipal and volunteer systems. His current full time occupation is as a Community Strategies Manager for the American Heart Association's Emergency Cardiovascular Care Program.

Timothy Hite, AEMT-CC

Mr. Hite started his Emergency Services career in 1996, as a volunteer firefighter and 1998, as an EMT. Upon graduating from St. Bonaventure University in 2002, he was commissioned in the U.S. Army as a Second Lieutenant in the Medical Service Corps. He served on active duty for four and a half years and

continues to serve in the Army Reserves where he was recently promoted to Major. He continues to serve his community as a member of the Allegany Engine Company, Cattaraugus County Critical Incident Stress Team and Operational Advisor to the St. Bonaventure Medical Emergency Response Team. Mr. Hite has served on the New York State Volunteer Ambulance and Rescue Association Board of Directors and is a member of the Special Operations Medical Association.

James Kish, RN, BSN, CEN, PHRN

James Kish is a 2009 graduate of DeSales University and a founding member of DeSales EMS in Center Valley, PA. Currently, James is an emergency nurse at Lehigh Valley Health Network-Cedar Crest campus, a level one trauma center, in Allentown, PA. James serves on the core charge and emergency preparedness committees. 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.

Benjamin J. Lawner, DO, EMT-P, FAAEM

Dr. Lawner has been active in prehospital care and education since completing EMT school in 1994. He worked as a lead paramedic/firefighter with Alachua County (Florida) Fire Rescue prior to attending medical school at Nova Southeastern University's College of Osteopathic Medicine. Following his emergency medicine residency training, he remained at the University of Maryland to complete a Chief Residency and a fellowship in Emergency Medical Services. He serves as the Deputy Medical Director for Baltimore City Fire Department and provides oversight for paramedic programs including the Critical Care Transport program at the University of Maryland, Baltimore County. Dr. Lawner remains a life member of the National Collegiate Emergency Medical Services Foundation.

Andrew Lazar, MA

Andy Lazar is a medical student at Weill Cornell Medical College. He received his bachelor's and master's degree from Cornell University in Applied Economics and Management and Cognitive Psychology, respectively. During his six years at Cornell University, he served in various officer positions of Cornell University EMS including Director of Operations and a Crew Chief. In addition to time at Cornell, Andy has been an EMT in multiple areas including New York City, Ithaca, and Westchester, NY. Following his undergraduate degree, Andy completed his master's degree focusing on the decision making process of EMTs, Paramedics, and other pre-hospital providers. In the future, he hopes to expand on his prior research and continue to learn about the decision making process that medical providers undergo while treating patients.

Brian K. Lee

Battalion Fire Chief Brian Lee is 28 year veteran of the DC Fire Department currently assigned to the Office of the Fire Chief, serving as the acting Professional Standards Officer. He has served on the EMS advisory Board for both the executive and legislative branches of the DC government; and has maintained EMT certification since 1987. Chief Lee's education background include a Bachelor of Arts in Government contracting and procurement from UDC, a Graduate Certificate of Law and Labor Studies from Harvard University, Advanced financial and Trustee Management certificate from Wharton Business School (U of Penn) and a Master's of Science degree in Fire Executive Leadership from Johns Hopkins University.

Presenter Bios

Kris Lehnhardt, MD, FRCPC(EM), ABEM

Dr. Kris Lehnhardt is an Attending Physician and Assistant Professor at The George Washington University (GWU) School of Medicine and Health Sciences, where he specializes in Emergency Medicine and Aerospace Medicine. He is also the Medical Director for the Emergency Medical Response Group (EMERG) at GWU.

Ron Lewis, NREMT-P

Capt. Ron Lewis is the commander of the Maryland State Police Eastern Troop. Prior to assuming that role in August of 2011, he was the commander of the Maryland State Police Special Operations Division, overseeing units that include SWAT, K-9, Search and Rescue, Incident Command and Control, Underwater Recovery, and Tactical Medicine. The majority of his career with the Maryland State Police has been as a flight paramedic and he is a former assistant commander of the Aviation Command. Capt. Lewis has been actively involved in EMS for 37 years and a nationally registered paramedic since 1981. His experience includes pediatric and neonatal transport, heavy and tactical rescue, advanced open water SCUBA, and tactical medicine. He was named the 1987 "Paramedic of the Year" in Norfolk, Virginia, and has twice received the Maryland "Star of Life" Award. One of the original flight paramedics for Nightingale Air Ambulance Service in Norfolk, Virginia, he holds a BS degree from the University of Maryland University College, is a graduate of the National Fire Academy EMS Command Management School, is on the EMS program teaching staff at Wor-Wic Community College, and is an EMS instructor at Peninsula Regional Medical Center in Salisbury, Maryland.

Jeffrey Lindsey, PhD, PM, CFO, EFO

Dr. Jeffrey Lindsey has served in a variety of roles in the fire and EMS arena for the past 30 years. He has served as a firefighter, paramedic, dispatcher, educator, coordinator, deputy chief, and chief. Dr. Lindsey is now retired from the fire service. He is an experienced leader, educator, lecturer, author, and consultant in emergency services.

Daniel Maas, EMT

Daniel 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 24 years and is a member of the Central New York Medical Reserve Corps.

Sean McMullen, NREMT-P

Sean McMullen currently works as a paramedic in Phoenix, Arizona, and as an Emergency Department Tech at Phoenix Children's Hospital. Sean is the Chief of Student Emergency Medical Services at Arizona State University.

Mark E. Milliron, MS, MPA

Mark Milliron 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 is a full-time faculty member in the Department of Health Policy and Administration at Penn State. He holds master's degrees in public administration and health policy.

Joshua Moskovitz, MD, MPH

Dr. Moskovitz is an Ex-Chief of the Stony Brook Volunteer Ambulance Corps and helped his 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 and has a Masters in Public Health in emergency response and disaster preparedness at the Johns Hopkins Bloomberg School of Public Health. He is a practicing Emergency Physician and Assistant Professor of Emergency Medicine at the Hofstra North Shore-LIJ School of Medicine and is the current EMS Liaison for the Tertiary Care Center for North Shore University Hospital at Manhasset.

Richard Patrick, MS, CFO, EMT-P

Richard Patrick serves as the director of the Medical First Responder Coordination for Medical Readiness Division of the Department of Homeland Security's (DHS) Office of Health Affairs (OHA). He began his service with DHS in June 2008, and has been actively involved in volunteer and career emergency medical and fire services for thirty years. He is a nationally recognized leader in emergency services.

Mark E. Pinchalk, MS, EMT-P

Mark Pinchalk is a Paramedic Crew Chief with City of Pittsburgh EMS has over 27 years of EMS experience. He has an extensive background in research, education and EMS special operations and serves on the City of Pittsburgh River Rescue, Hazardous Materials and Tactical Medical Teams. In addition, he serves as an advisor to the University of Pittsburgh Student EMS Organization.

Bradley M. Pinsky, JD

Bradley Pinsky is an attorney, EMT and firefighter-Captain with the Manlius, NY Fire Department. He represents over 400 fire departments, fire districts and ambulance services. He authored "The Fire Department Law and Management Resource Manual". He lectures throughout the nation and has a radio show on fireengineering.com. Bradley is a former Director of the Brandeis Emergency Medical Corps.

Noah H. Prince, NREMT-P

Noah volunteered as an EMT for Narberth Ambulance (PA) starting in 2004, and joined Duke University EMS when he arrived on campus. While there, he earned a National Registry EMT-Paramedic certification in 2006, and continued his work for Person County EMS in NC. He served as the NCEMSF Southeast Regional Coordinator from 2006 - 2012, and is now a 4th year medical student at the Tufts University School of Medicine applying for surgical residency.

Matthew D. Ricci, MPA, EMT-B

Matt was the Director of Operations for UMass Lowell EMS from 2007-2010. He has since moved to New York City and works in the Emergency Response Department for JetBlue Airways.

Presenter Bios

Matt's work with emerging technologies streamlined campus EMS operations and is now being used toward new solutions in emergency management for the airline's operations.

Gates Richards, MEd, WEMT-I

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

Clay Richmond, NREMT-P

Clay Richmond is the President and Chief Executive Officer of Special Events Medical Services, a private special event EMS company that he founded in 1997 and the author of the book *Special Events Medical Services* published by Jones and Bartlett. Clay began his career in EMS at Franklin Pierce University in 1991 as an EMT-Basic, then rapidly progressed to become a paramedic. In 1993 he joined the Baltimore City Fire Department where he worked on Medic 7, the busiest paramedic unit in the country at that time. Clay also instructed paramedic courses during these years, as well as taught rescue technician and counterterrorism courses. He holds Black Belts in Aikido, Ju-Jitsu and Judo and in 2000, he was named a Young Business Person to Watch, and in 2007 was named in Top 40 Under 40—a top business person under age 40 years. Clay also volunteers with the Cystic Fibrosis Foundation and the Multiple Sclerosis Foundation in his spare time.

Stu Rosenhaus

Stu Rosenhaus got his start in EMS and EMS education at Brooklyn College in New York City. As a volunteer with the Brooklyn College Emergency Medical Squad, Stu moved through the ranks and held multiple leadership positions including Crew Chief, Training Officer, Community Liaison, and Administrator. Stu holds a BS in Community Health and Education with a concentration in EMS Education from Empire State College (SUNY). He is a New York State Certified Instructor Coordinator, and an American Safety and Health Institute Master Instructor Trainer.

Ron Roth, MD

Dr. Roth is currently a Professor in the Department of Emergency Medicine and Chief of the Division of EMS at the University of Pittsburgh. His involvement with EMS spans the spectrum from serving as an EMT on the University Ambulance Service at Penn State (many years ago) to Medical Director of a large urban EMS and Fire First Responder program. He is the medical advisor for the University of Pittsburgh Student Emergency Medical Services Initiative.

David Rykken, MPH

David Rykken manages the Hospital Preparedness Program (HPP) Field Operations within the Office of Preparedness and Emergency Operations (OPEO) in the Office of the Assistant Secretary for Preparedness and Response (ASPR) in DHHS. David has a Postgraduate Diploma in Public Health Leadership

and Management from the Fiji School of Medicine, a MPH in Policy and Administration from the University of North Carolina, Chapel Hill, and a Diploma from the United States Naval War College.

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.

Babak Sarani, MD, FACS, FCCM

Babak Sarani completed medical school and training in General Surgery at The George Washington University. He then completed a fellowship in Trauma and Critical Care Medicine at the University of Pittsburgh. Following 7 years at the University of Pennsylvania as a trauma surgeon, he was recruited to George Washington University as the Chief of Trauma and Acute Care Surgery in 2011.

Geoffrey L. Shapiro

Geoff Shapiro is the EMS & Operational Medicine Training Director at the George Washington University EHS Program in Washington, DC. A long time ago he was a founding member of the GW Emergency Medical Response Group, and has worked in many areas of EMS including fire-based and federal law enforcement systems. Geoff is also a founding member and executive board member of the Committee for Tactical Emergency Casualty Care (C-TECC), which is tasked with the appropriate translation of military lessons learned and doctrine from the battlefield to civilian crisis and medical response.

David Silver, MD

David Silver was a volunteer firefighter and certified first responder in his home town of Port Washington. In college, he was the captain of the Hopkin's Emergency Response Unit. He completed medical school at the University of Chicago and then an emergency medicine residency at the University of Cincinnati, where he served as a flight physician and a tactical physician for the Cincinnati Police SWAT team. He is currently working in the North Shore/LIJ Hospital System in New York where he won the Teaching Attending of the Year Award in 2011-2012.

Michael Smith, MPH, EMT-B

Michael Smith has been involved in EMS for over 20 years. His current full time occupation is in Account Management for the American Heart Association's Emergency Cardiovascular Care Programs. Mike's EMS experience includes work in career and volunteer departments, serving as EMS Supervisor at Rutgers University, New Brunswick, NJ. Michael continues to volunteer in EMS, currently serving as Captain at the Milltown Rescue Squad (NJ). He also volunteers as an EMS Officer for the Middlesex County Office of Emergency Management. Michael completed his MPH Degree, which included a study of resuscitation practices of Emergency Medical Technicians. He is a Life Member of NCEMSF.

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

Graig "Giddy" Straus has been involved in EMS since 1998. He joined the Stony Brook Volunteer Ambulance Corps in 2000 and became involved with NCEMSF in 2002, when he assisted with the planning of the 9th annual NCEMSF Conference. He is an Advance Practice RN with a master's degree in Family Nurse

Presenter Bios

Practitioner in Emergency Care from the University of Medicine and Dentistry of New Jersey. He has worked as a RN in the ED at Montefiore Medical Center in the Bronx, NY and trained for his NP at the University Hospital in Newark, NJ, a level 1 trauma center. He is still an active firefighter/EMT, and specializes in inter-facility critical care transports of both the pediatric and adult population.

Kevin M. Sullivan, MS, NREMT-P

Kevin Sullivan is the CFO of STAT Medical Solutions, a consulting and medical services firm that focuses on providing corporate medical advisor and EMS medical director services across the United States. Prior to entering the private sector, Kevin served as a paramedic and EMS chief. His career in EMS management began as the director of GERMS at Georgetown University and also included serving as the EMS Chief of a small department in New England and as the Deputy Chief of EMS for Atlanta's hospital-based 911 system. Over the course of his ten years in EMS management, Kevin developed a nationally known reputation for assisting organizations through change and helping EMS organizations achieve financial success.

Jonathan E. Warczak, MA

Jon Warczak is a special investigator responsible for conducting investigations on candidates for Secret, Top Secret, and Yankee White national security clearances required for sensitive assignments throughout the military and with more than 100 Federal agencies. Warczak is also a firefighter/EMS member of Niskayuna (NY) Fire District 1, a volunteer on the Schenectady County (NY) Fire Investigation Team, an incident command volunteer for Schenectady County (NY) Office of Emergency Management, and the founder and past chief of the University of Chicago EMS.

James W. Wilmerding, MS, MEd, EMT-P

First licensed in 1985, Jim remains an active Per Diem Paramedic working with the EMS agencies serving the community of Mt Desert Island, Maine as well as its 3.5 million seasonal visitors to Acadia National Park. Jim is a Maine State EMT-P Level Instructor Coordinator teaching licensure courses and continuing education classes. He is also an active Amateur (Ham) Radio Operator (W1EMT). Jim is currently completing his "Community Paramedic" license certification endorsement, and participating in the growing national Community Paramedicine initiative.

Douglas M. Wolfberg, JD

Doug Wolfberg became an EMT in high school and was a collegiate EMS provider in the 1980s as an undergrad at Penn State University. He has remained in EMS throughout his career, serving as a county, statewide and federal EMS administrator, as well as a noted lecturer and author of countless articles and books in EMS. He then attended law school and became a founding partner of Page, Wolfberg & Wirth, which is widely acknowledged as the nation's leading EMS law firm with clients throughout the United States.

Joseph Zito, MD, MHS

Dr. Zito attended medical school at Ross University School of Medicine. He then completed an Emergency Medicine residency at Stony Brook University Medical Center. He went onto a fellowship in Emergency Critical Care at NSLIJHS-North Shore University Hospital/Hofstra North Shore-LIJ School of Medicine where he is now on staff as an attending physician.



IN MEMORIAM

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

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

Tim Bach

Tim Bach is a Pennsylvania and National Registry EMT-B and serves as the Operations Director for Carnegie Mellon EMS in Pittsburgh. Currently a senior undergraduate at Carnegie Mellon, he is majoring in computer science with a minor in business administration. After graduation in May, Tim has plans to continue his work and education in EMS and begin Paramedic classes.

Gideon Cohen

Gideon has been a part of SUNY Geneseo First Response (GFR) since his freshman year. Working as an EMT-B for over four years, has served as Captain, Chief of Operations, and 1st Assistant Chief of SUNY GFR. Gideon has also worked at several private and volunteer EMS agencies that provide both interfacility transport and 911 coverage. Gideon is a Psychology major pursuing a career as an ER physician.

Hillary Li

Hillary is a junior at Emory University majoring in Psychology and minoring in Ethics. She was born and raised in Portland, Oregon. Hillary is currently an active medic for Emory EMS, acting as a mentor for the Emory EMS EMT education program. She is also highly involved in social justice organizations at Emory, and hopes to obtain a JD/MPH dual degree after undergraduate studies so she can do work in global health policy in the future. She also aspires to complete an Ironman, do medical work in Africa, and save the world.

Sophia Raptis

Sophia is the Chief of the University of Dayton Rescue Squad. She is a senior biology major.

Caroline Schwartz

Caroline has been a part of SUNY Geneseo First Response (GFR) since her freshman year. As an EMT-B for over three years, Caroline has served as Lieutenant, Captain, 1st Assistant Chief, and finally as Chief of Operations. Caroline is a Computer Science major hoping to go into the medical software industry.

Kaylin Stinski

Kaylin Stinski transferred to Arizona State University in the fall of 2011, as a Global Health major and started volunteering with Student Emergency Medical Services in the spring of 2012. During that semester she also founded a GlobeMed Chapter, which is focused on global health, social justice, and human rights. Currently she is the head of multiple volunteer organizations focused on health and human rights and is an officer with SEMS. Her future goal is to help make health a basic human right universally.

David White

David is the Assistant Chief of Operations for the University of Dayton Rescue Squad. He is a junior pursuing a BS in Communications and Criminal Justice. He is an EMT and Firefighter.

Brandon Wilkinson

Brandon is a graduating senior at UCLA majoring in Biology and minoring in Anthropology while working as the Training Supervisor and Field Training Officer for UCLA EMS. His time spent serving with UCLA EMS has led to aspirations of becoming an Emergency Physician and continuing what will hopefully be a long career of service in medicine.

Continuing Medical Education (CME) Credit Information

Get Continuing Education Credit for the lectures you attend!

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

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 Scientific Instruments Division of Thermo Fisher Scientific, the leading supplier of Laboratory Information Management System (LIMS) to the pharmaceutical industry. Scott is currently an EMT-Basic in the Commonwealth of Pennsylvania. He actively volunteers with Whitemarsh Ambulance in the Philadelphia suburbs and serves on the board of trustees of that organization.

Joshua A. Marks, MD

Joshua Marks, NCEMSF Secretary, is a chief general surgery resident at Thomas Jefferson University Hospital in Philadelphia, PA. He will complete his general surgery training this June and start a trauma fellowship in the Division of Traumatology, Emergency Surgery and Surgical Critical Care at the Hospital of the University of Pennsylvania in July. 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

Michael Wiederhold, NCEMSF Treasurer, is a healthcare administrator. He completed his pediatric residency at the University of Tennessee Health Science Center in Memphis. He obtained his MD from the University of Arkansas for Medical Sciences. He received his Master of Public Health from Tulane University and his Master of Science in Emergency Health from the University of Maryland, Baltimore County. He earned his undergraduate degree from Emory University, majoring in psychology. Michael has been involved in collegiate EMS since 1996. While at Emory, 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

Les Polk, NCEMSF Director-at-Large, has been involved in EMS since 2004. He graduated from Muhlenberg College in 2008, with a BS in Natural Science with a Minor in Music. He has completed graduate coursework in Biomedical Sciences from Philadelphia College of Osteopathic Medicine. He completed 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 was named Most Improved Member in 2005, Member of the Year in 2006 and 2008, and Life Member in 2008. He represents NCEMSF as a Council Member of the PA Emergency Health Services Council. He previously served as NCEMSF's Pennsylvania Regional Coordinator. Professionally, he is a Paramedic at Cetronia Ambulance in Allentown, PA and Narberth Ambulance in Ardmore, PA. He also serves as an MICU Paramedic for Robert Wood Johnson University Hospital-EMS in New Brunswick, NJ and Monmouth-Ocean Hospital Service Corporation (MONOC-North) based in Neptune, NJ. Les is also 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, implementing innovative data transport and HL7 messaging solutions to meet public health needs.

Andrew S. Mener, MD

Andrew Mener, NCEMSF Startup Coordinator, is currently an internal medicine resident at GW in DC. He earned his MD from The George Washington University School of Medicine and Health Sciences in 2011. Andrew received his Bachelors of Arts degree 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 the VMSC of Lower Merion and Narberth (Ardmore, PA) where he served on the Membership Committee and as a BLS Trainer. During 2005, Andrew volunteered overseas in Israel for Magen David Adom Basic and MICU ambulances and participated in an international disaster preparedness training exercise organized by the Israeli government. While at Penn, Andrew founded the Penn Medical Emergency Response Team (MERT). Andrew is the 2006 recipient of the Robert A. Fox Leadership Award for his commitment to "entrepreneurial, civic-minded, public spirited leadership" and his dedication to collegiate EMS at Penn. He is also the recipient of the 2007 NCEMSF Collegiate Provider of the Year Award.

Joshua E. Glick

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

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 Patrolroller 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.

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 recently re-certified as an EMT and is transitioning back into student-life to pursue a career in nursing.

Timothy J. McMichael, NREMT-P

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

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-B 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 ground and flight paramedic and currently works as a flight paramedic in northern Ontario. He casually works as an industrial paramedic in the Alberta oil sands providing critical care to remote pipeline projects/camps and oil refineries as well. 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 and endeavors to continue to grow the number of Canadian campuses with CBEMS teams.

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

NCEMSF Leadership Bios

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 he instructs AHA CPR and ACLS classes at Baylor College of Medicine. He received a Master of Science in Threat and Response Management from the University of Chicago in 2011.

Kathryn Kinzel, MPH

Kathryn Kinzel, NCEMSF Massachusetts Regional Coordinator, joined the Mount Holyoke Medical Emergency Response Team in February 2005 after completion of the squad-sponsored EMT-B class. Kathryn was elected Assistant Director of the Mount Holyoke MERT in 2006, and became Director in 2007. She was a teaching assistant for the EMT class for two years, and holds the all-time record for most hours worked for the squad. Kathryn graduated from Mount Holyoke in 2008 with a Bachelors degree in Biology, and in 2012 received a Master of Public Health degree from the Boston University School of Public Health, concentrating in Epidemiology. She currently lives in Boston, working as a research assistant at Brigham and Women's Hospital.

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 UMDNJ-School of Osteopathic Medicine in Stratford, NJ.

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 has recently attained the rank of Master Medical Attendant. In 2007, Joseph received the "EMS Member of the Year" award from KVFD. While an undergraduate at Case, Joseph co-founded CaseEMS. In 2007, Joseph organized Case's first ever Mass Casualty Incident Drill, which involved a number of community participants. While in medical school, Joseph served as both the Vice-President and Co-President of the Emergency Medicine Interest Group.

Eric Pohl, NREMT-P

Eric Pohl, NCEMSF New York Regional Coordinator, was certified as an EMT during his first semester of college. He joined Columbia University EMS in 2004, holding the rank of Crew Chief upon graduation in 2007. After receiving his Bachelor of Science in Chemical Engineering, Eric started his ALS career. He obtained Paramedic certification through St. Vincent's Hospital - Institute of Emergency Care in New York

City in August 2008. Eric currently works as a Hazardous Materials and Weapons of Mass Destruction Specialist for the elite Division of Emergency Response & Technical Assessment within the New York City Department of Environmental Protection. DEP DERTA has primary jurisdiction in managing most toxic chemical releases in the City of New York. Eric also continues his involvement with EMS as a paramedic, working the streets for the Jersey City Medical Center, where he provides ALS in a busy, urban 911 system.

Katie Egan, RN

Katie Egan, NCEMSF North Central Regional Coordinator, graduated from the University of Wisconsin-Madison with a BSN in 2011. Katie currently 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 UWPD First Responders and runs as an EMT-Advanced with McFarland, WI 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 New Jersey Medical School.

Ryan M. Hay, RN

Ryan Hay, NCEMSF Pennsylvania Regional Coordinator, graduated from DeSales University in 2011, with a BA in Political Science and in 2012, with a BS in Nursing. Ryan currently is employed as an Emergency Department Nurse for St. Luke's University Health Network at the Anderson Hospital Campus. While at DeSales, Ryan co-founded DeSales University EMS in 2007, serving as its director until May 2010. Ryan is currently a Hazardous Materials Specialist with Lehigh County Special Operations; a regional hazardous materials and Urban Search and Rescue (USAR) team in Eastern Pennsylvania. Additionally, he is a fire fighter with the Nancy Run Fire Department of Bethlehem Township, PA and a per-diem EMT for Dewey Fire Company Ambulance in Hellertown, PA. Ryan teaches future EMS providers as an Instructor for Lehigh Valley Health Network's Emergency Medicine Institute through Lehigh-Carbon Community College.



NOTES:

Schedule Summary

Sunday, February 24, 2013

7:30 am - 8:30 am	Continental Breakfast	Regency Foyer
8:00 am - 9:00 am	Workshop Session 9 (Page 26) A Day in the Life of an EM Resident Little Patient, Big Trauma Suitability Screening in EMS Evaluating Medical Decision Making in Prehospital Care Planes, Trains, and Ambulances Taking the Pulse of the City Queering the Field: an LGBTQ Primer Physio-Control EMS Skills Competition Review Roundtable: Administrator/Advisor/Medical Director	Regency A Regency B Regency C Potomac III&IV Regency D Potomac I&II Potomac V&VI Washington A Washington B
9:10 am - 10:10 am	Workshop Session 10 (Page 27) Whoa, whoa, WHOA!! Excited Delirium Push, Push...Uh Oh Ugghh!!! Abdominal Pain Again Scene Safety: What Does That Really Mean? Emergency Management Training for Campus Planning and Execution of an EMS Response Plan Getting Out of "The Back of the Bus" Skills Lab: Megacode Resuscitation Roundtable: QA/CQI	Regency A Regency B Regency C Potomac I&II Potomac III&IV Regency D Potomac V&VI Roosevelt Washington B
10:20 am - 11:20 am	Workshop Session 11 (Page 29) SOB, Wheezes, Trapping and Treatment Emerging Infectious Diseases Really That Could Kill Me! What the @#\$% Am I Supposed to Do With That? A Look at the Evolution of Cardiac Resuscitation Controversies in Prehospital Care Texts, Tweets and Blogs 20-Years-Later—What Really Happened in Somalia Skills Lab: Evacuation Table Top Roundtable: Finance and Fundraising Roundtable: Startup	Regency D Washington A Regency C Regency A Regency B Potomac I&II Potomac III&IV Potomac V&VI Lincoln Washington B Jefferson
11:30 am - 12:30 pm	General Session - Closing Keynote - EMS Response to the Active Shooter	Regency E&F
12:30 pm - 1:00 pm	Conference Wrap-Up	Regency E&F

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

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

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

Join us next year - February 21-23, 2014!

Schedule Summary

Saturday, February 23, 2013 (Continued)

12:30 pm - 1:30 pm	Lunch	
1:30 pm - 2:30 pm	Workshop Session 6 (Page 16) Pow! Right in the Kisser! But We are Just College EMS Volunteers Recruitment, Retention, and Public Education Burn Out, How Not to Become a Statistic Transforming Collegiate EMS into a Career From Georgetown Fireman to Big City EMS Chief EMS Advocacy: What's in it for You? The ABC's of MCI's Where'd You Come From? Sandy Mutual Aid EMS Saving Lives with Mobile Apps EMS Cycling on Campus EKG Basics for EMT-Basics	Regency A Fairfax Regency D Potomac I&II Potomac III&IV Washington A Washington B Regency C Potomac V&VI Regency B Lincoln Roosevelt
2:40 pm - 3:40 pm	Workshop 7 (Page 18) Beyond Drunk and Stupid Don't Stroke Out When Your Patient is Stroking Out Lessons from the Field: Wilderness Medicine Cases Essentials of Documentation + "The Patient Sign-Off" Training the Preceptor Pump, Blow, Where to Go? Debriefing and Cardiac Arrest Quality Improvement The Next Big Things in Prehospital Care Weaving Preparedness into Healthcare Scuba Diving Emergencies Stop Sexual Harassment in Its Tracks Skills Lab: EMS Handoffs Panel: Careers After Collegiate EMS	Regency B Potomac V&VI Regency D Potomac I&II Regency A Washington A Fairfax Potomac III&IV Washington B Regency C Lincoln Arlington Regency E&F
3:40 pm - 3:55 pm	Snack Break	Regency Foyer
3:55 pm - 4:55 pm	Workshop 8 (Page 20) Interesting Cases The Hangover 3: Management of the Intoxicated Death by Drowning: CHF Revisited Hemostasis for the Field Provider "Moving with the Cheese" Shaping Your Message for the Media No A\$\$holes Need Apply Disaster Medical Action Planning (DMAP) Response to High Threat Emergencies and Tactical Care Training the Trainer to Train Skills Lab: STEMI Skills Lab: Event Medicine Roundtable: Recruitment and Retention	Regency B Regency A Regency C Regency D Potomac I&II Washington A Washington B Potomac III&IV Potomac V&VI Fairfax Lincoln Jefferson Arlington
5:00 pm - 6:00 pm	General Session - Major John P. Pryor, MD Memorial Lecture Crew Resource Management	Regency E&F
6:00 pm - 7:00 pm	NCESMF Leadership Presentation, Business Meeting and Awards Presentations	Regency E&F
7:00 pm - 8:30 pm	Alumni Social and Networking Event	Lobbibar
10:00 pm - 2:00 am	Club NCESMF	Independence A

(Sunday on Previous Page)

Schedule Summary

Friday, February 22, 2013

4:00 pm - 11:00 pm	Conference Check-in	Regency Foyer
5:00 pm - 10:00 pm	Physio-Control EMS Skills Competition/CPR Challenge (starting 9PM)	Third Floor/Foyer
6:00 pm - 6:50 pm	How to Make the Most of the Conference Experience	Potomac I&II
7:00 pm - 8:00 pm	Workshop Session 1 (Page 7) Visual Stim Are You Ready? Preparing for Disaster Handling in-Flight Emergencies Roundtable: Startup	Potomac I&II Potomac III&IV Potomac V&VI Washington B
8:10 pm - 9:10 pm	Workshop Session 2 (Page 7) Where There's Smoke, There's Fire A Day at the Helicopter Decision Making: Errors of Perception Panel: Chiefs and Presidents	Potomac I&II Potomac III&IV Potomac V&VI Washington A
9:00 pm - 1:00 am	Welcome Social and Mixer	Independence A
11:00pm - 12:00 am	EMS as a Spectator Sport	Independence A

Saturday, February 23, 2013

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	Regency E&F Arlington
8:20 am - 9:15 am	General Session - Hot Topics in Campus EMS	Regency E&F
9:25 am - 10:25 am	Workshop Session 3 (Page 10) Managing "Crashing" Patients in the Field The "Silver Tsunami": Are You Ready? The Anatomy of an Airway Probe a Little Deeper! Learn How EMS is Using Ultrasound A Unique, Member-Driven Approach to Developing COGs Learn How to Fish! Leadership Lessons Safety is No Accident Sense and Sensitivity Overview of Tactical Medical Operations You're Graduating!...Now What? Skills Lab: Improvisational Splinting Roundtable: Technology	Regency A Regency B Regency C Potomac I&II Potomac III&IV Potomac V&VI Washington B Washington A Regency D Fairfax Roosevelt Arlington
10:35 am - 11:35 am	Workshop Session 4 (Page 12) Physiology Based Airway Management Pills That Kill "Pit Crew" CPR "spiders Get a Bad Reputation:" Bites and Stings The Dirty World of Infection Control Train to Act, Not React Liability and Risk Reduction in College EMS Human Trafficking and EMS Bioterrorism Awareness for EMS Providers From Good to Great: Taking Your Team to the Next Level Skills Lab: Advanced Airway Management Skills Lab: Moving , Lifting & Transporting in the Wild Roundtable: Research Design and Execution in EMS	Regency A Regency B Regency C Potomac V&VI Washington B Potomac I&II Potomac III&IV Washington A Regency D Fairfax Jefferson Roosevelt Arlington
11:45 am - 12:30 pm	Workshop Session 5 (Page 14) Richard W. Vomacka Student Speaker Competition Ramifications of Alcohol Amnesty Programs The Elusive Vital Sign: Respirations EmPOWERing Survivors: Response to Sexual Assault Different Types of EMS Training Spirit of Seizure: Cultural Awareness in Campus EMS Who is Your Patient Expecting to Walk Through the Door Regional Roundtable Discussions	Regency A Regency B Regency C Regency D Potomac I&II Potomac III&IV Regency E&F

(Continued on Inside Back Cover)