

NCEMSF 2006

The 13th Annual
Conference of the
National Collegiate
Emergency Medical
Services Foundation



February 24-26, 2006
Hyatt Regency Cambridge
Boston, Massachusetts

Hosted in conjunction with

Boston University EMS, Brandeis Emergency Medical Corps,
Massachusetts Institute of Technology EMS, and Tufts EMS

Table of Contents

Conference Policies	2
About NCEMSF	3
About the Conference Hosts	4
Conference Schedule - Friday	5
Facility Floor Plan	5
Conference Schedule - Saturday	6-12
Tradeshow Participants	6
Schools in Attendance	13-14
Conference Schedule - Sunday	15-17
Speaker Bios	18-23
Continuing Medical Education	23
Schedule Summary	24

Conference Policies

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

- 1) 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.
- 2) 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.
- 3) The consumption of alcohol by those younger than the federal and commonwealth 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.
- 4) 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.
- 5) Participation in conference lectures and activities grants permission for the use of one's image in NCEMSF publications and promotional materials.
- 6) 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 Hyatt Regency Cambridge, and laws of the City of Cambridge, Commonwealth of Massachusetts, and the United States.

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 hosted in conjunction with Boston University EMS (BUEMS), Brandeis Emergency Medical Corps (BEMCo), Massachusetts Institute of Technology EMS (MIT-EMS), and Tufts EMS (TEMS). For thirteen 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, meeting each other, and having a great time.

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 Leadership

NCEMSF Executive Officers

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

Division Chairs / Coordinators

Membership	Karolina A. Schabses, MPH
Nat'l Coordinator	Kelly Schirmer
Startup	David I. Bacall
Alumni	To Be Announced
EMS Week	Timothy McMichael

Regional Coordinators

Central	Michael Kogan
Massachusetts	(available)
Mid-Atlantic	David Weand
Midwest	(available)
New York	Eric Pohl
North Central	(available)
Northeast	(available)
N. New England	Matthew Friedman
Pennsylvania	Jack Basile
Southeast	Noah Prince
West	Mark Malonzo
Canada	Brianna Julien

About the Conference Hosts



Boston University Emergency Response is comprised of two components, Boston University EMS (response) and Boston University Emergency Response Education (training). The programs are administered by Boston University's Physical Education, Recreation, and Dance Department located in the state-of-the-art 270,000 square foot Fitness and Recreation Center (FitRec). BUEMS staffs the FitRec Center and the Agganis Arena with EMTs and provides EMS personnel for on-campus athletic events and many other on and off campus events throughout the year. The EMTs are an integral part of the FitRec Center, which features public access defibrillation and two first aid treatment rooms. Boston University Emergency Response Education offers a wide array of basic, intermediate, and advanced level classes in the fall, spring, and summer for students, faculty, staff, and members of the community. Boston University Emergency Response Education offers three basic EMT programs each year and numerous continuing education opportunities for currently certified emergency responders throughout the year. With the facilities in the FitRec Center, the experience of its educators, and an affiliation with Boston Medical Center, Boston University Emergency Response Education forms one of New England's most comprehensive EMS training centers.



The Brandeis Emergency Medical Corps (BEMCo) is Brandeis University's emergency medical service located in Waltham, MA. BEMCo was founded in 1983, operates 24 hours a day 7 days a week, and responds to over 300 calls every year. BEMCo is currently working towards class V ambulance licensure in Massachusetts. Each spring, BEMCo trains approximately 30 new EMTs through a course offered on campus. BEMCo has approximately 75 active members and one emergency response vehicle.



Since its foundation in 2001, Massachusetts Institute of Technology Emergency Medical Service (MIT-EMS) has been student organized and operated from the ground up. During the academic year, MIT-EMS provides the MIT community in Cambridge and Boston with BLS service 24 hours per day, 7 days per week. The service receives ALS support from the City of Cambridge. MIT-EMS works closely with MIT Police and MIT Medical: the ambulance is dispatched by campus PD and it has the unique ability to transport patients to MIT Medical's urgent care unit. While some of the service's members were trained before coming to campus, the majority of EMTs in MIT-EMS were trained and certified during an accelerated month-long BLS course offered every January. Approximately 60 EMTs volunteer to staff MIT's one ambulance, which responds to 750 calls each year.



Tufts EMS (TEMS), celebrating its 20th year anniversary, has provided prompt, quality medical aid to the Tufts Community in both the Medford and Somerville area (15 min. from Boston). Using a specially equipped Ford Explorer, students that are Massachusetts certified EMTs volunteer their time to care for the sick and injured. An elected board of directors manages TEMS, a student-run organization. Funded by and operating under the authority of the Department of Public Safety, TEMS works with and enjoys the support of the Tufts University Police Department, Tufts University Health Services, the Dean of Students Office and the entire student body.

Celebrating the NCEMSF Conference Tradition *NCEMSF Conference Hosts*

1994 - Georgetown University	2001 - Rochester Institute of Technology
1995 - Villanova University	2002 - SUNY Stony Brook
1996 - Rensselaer Polytechnic Institute	2003 - The George Washington University
1997 - Marshall University	2004 - Johns Hopkins University
1998 - University of Hartford & Trinity College	2005 - Ursinus College & Villanova University
1999 - Syracuse University	2006 - BU, Brandeis, MIT & Tufts
2000 - University of Delaware	2007 - RFP @ www.ncemsf.org/about/conf2007

Conference Schedule - Friday, February 24, 2006

5:00 pm - 10:00 pm *Conference Check-in*

Lobby

After checking into the hotel, visit the conference registration table in the lobby. All attendees must check-in individually. Upon check-in, you will be provided with a name badge as well as many other materials. Your name badge should be worn throughout the weekend, as admittance to conference activities will require it. Campus EMS leaders and alumni should be sure to identify themselves to registration staff to receive the appropriate ribbon for their badge.

6:00 pm - 1:00 am *Medtronic EMS Skills Competition*

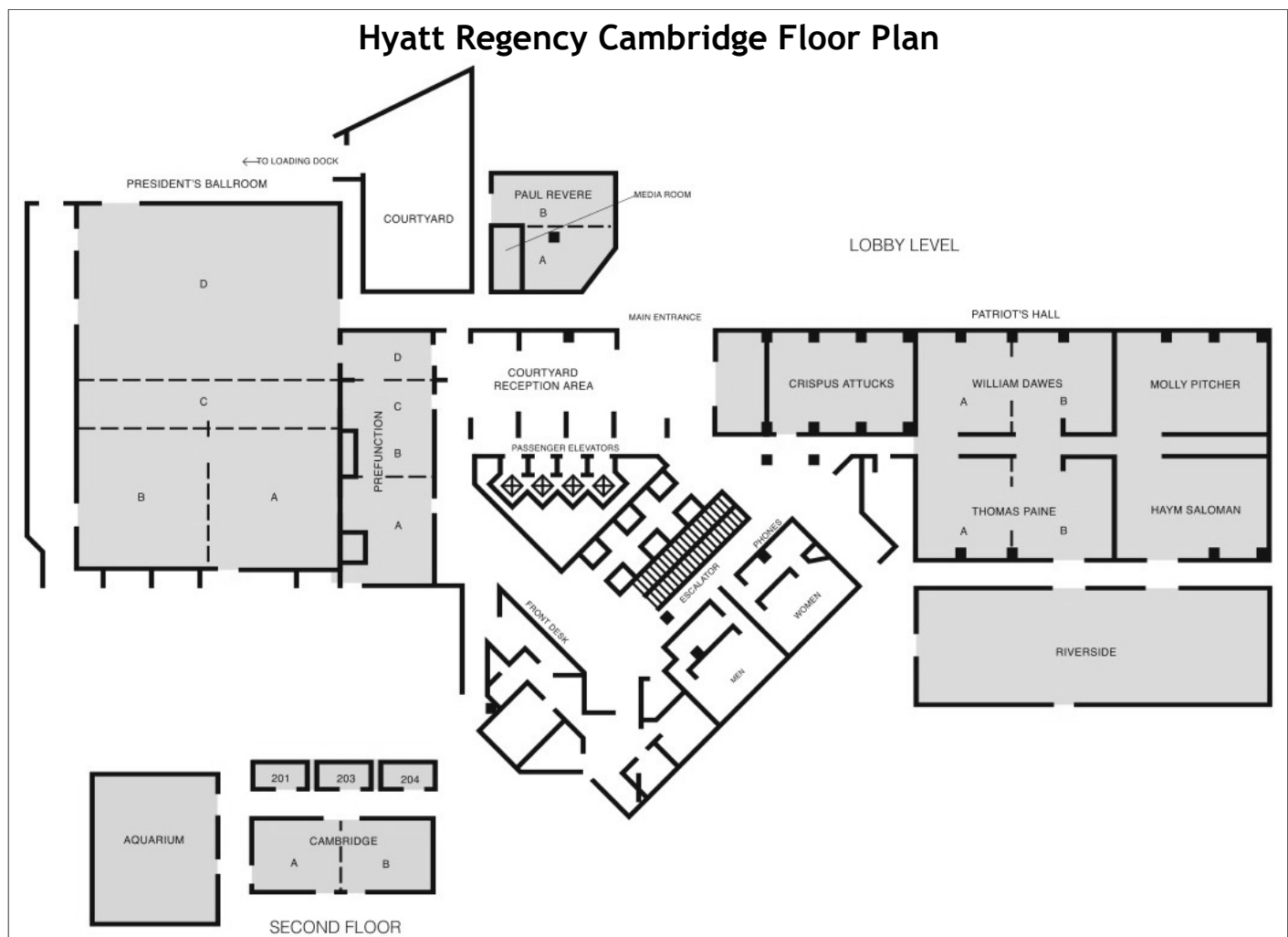
201 - 204

Pre-registered teams should check-in at the skills competition table in the lobby to receive their team number and approximate start time. A skills competition tracker will be running in the Welcome Social and team numbers will be called when the skills judges are ready for the next group. Teams must be present in the Welcome Social to hear their numbers called. Teams will not be allowed to congregate in the halls outside the skills competition rooms. Ask at the skills competition table for additional information.

8:00 pm - 12:00 am *Welcome Social*

Empress (14th Floor)

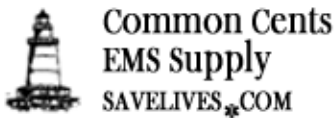
Relax after a day's travel with a live DJ, Tex-Mex refreshments (Boston-style), and mingle with other collegiate EMS responders as they arrive. Exchange your squad's patches, pins and shirts with those you meet. Show your squad's pride by making a banner, which will be presented by your squad's representatives at the *Meet and Greet* Saturday morning and displayed throughout the weekend.



Conference Schedule - Saturday, February 25, 2006

7:30 am - 10:00 am	<i>Late Conference Check-in</i>	<i>Lobby</i>
7:30 am - 8:30 am	<i>Continental Breakfast</i>	<i>Prefunction</i>
7:30 am - 4:45 pm	<i>Tradeshow</i>	<i>Prefunction</i>

Participants



Common Cents EMS Supply
www.savelives.com
10% discount to NCEMSF members
(excludes Laerdal and Ferno Products)
J.T. Dunn, President
(860) 388-4599
jdunn@savelives.com



Fallon Ambulance Service
www.fallonambulance.com
Tina King, Human Resource Specialist
(617) 745-2177
tking@fallonambulance.com

International Police Mountain Bike Assoc.
www.ipmba.org
Maureen Beclor, Executive Director
(410) 744-2400
info@ipmba.org



Life Support Systems
www.lifesupportsystems.com
Bret Smith, Senior Consultant
(800) 520-9635
contactus@lifesupportsystems.com



Medtronic
Alleviating Pain · Restoring Health · Extending Life

Medtronic Emergency Response Systems
www.medtronic.com
Chandler Cooper, Commercial Account Executive - NE
(800) 442-1142 ext. 2951
chandler.cooper@medtronic.com



NCEMSF Store
(Emergency Training Associates)
www.ncemsf.org/bookstore.ems
Up to 26% discount on EMS texts and apparel
Lou Jordan, President
(800) 367-0382
lou@emsbooks.com



Stryker EMS Equipment
www.ems.stryker.com
Mitch Hankin, NE Territory Manager
(800) 669-4968
mitch.hankin@stryker.com

Wilderness Medical Associates
www.wildmed.com
Tony Hawgood
(888) WILD-MED
office@wildmed.com



Yun and Spitzer-Williams, LLC
www.EMSPlanner.com
Brian Yun, Director of Sales and Advertising
(201) 913-6489
sales@emsplanner.com



Zoll Medical
www.zoll.com
Peter Mastromatteo
(800) 348-9011
pmastromatteo@zoll.com

Conference Schedule - Saturday, February 25, 2006

8:00 am - 8:50 am *Richard W. Vomacka Student Speaker Competition*

Beyond the Call:

Crispus Attucks

College EMS Organizations and College Programming

Meghan Moore, Loyola Marymount University

Every day college EMS organizations respond to a variety of injuries and illnesses on their campuses, providing immediate and life-saving care to university students. But what about beyond the call? How can actions beyond the call improve an organization's reputation and respect on campus, better its working relationships with other campus departments (e.g. Student Housing, Public Safety, Student Affairs), and impact student health and safety at all levels? This presentation will highlight how, over the past year, LMU EMS has worked on campus programming, both explaining how these programs can benefit your organization and giving ideas that you can implement at your university.

Battling Inexperience:

William Dawes

Training Challenges and Solutions in Collegiate EMS

Heather Olsen, Syracuse University

Providing and receiving effective EMS training is difficult even when you are not taking 16 credits and leading a college lifestyle. Keeping your organization on the cutting edge is dependent upon the training staff's ability to deliver the right information via the most appropriate method in the shortest amount of time. The Syracuse University Ambulance Training Program has undergone extensive restructuring over the past two years. This presentation will highlight effective training program design, and creative information delivery methods, as well as analyze the many pitfalls that preceded these innovations.

Creating Something from Nothing:

Thomas Paine

Lessons Learned from Starting UPenn's Bicycle Response Team

Evan Silverstein, University of Pennsylvania

Since the fall of 2003, students at the University of Pennsylvania have been working to bring collegiate EMS to Penn's urban campus. Through collaboration with the Penn Division of Public Safety, Student Health Services, student government, and campus leaders, slow but steady progress has been made that will result in a medical emergency bike response team launching this March. This presentation will tell the story of the two and a half year campus EMS startup initiative, highlight important lessons learned from the process, and provide advice for future startups of collegiate EMS programs.

8:00 am - 8:50 am *Regional Roundtables*

Ballroom

As your squad's captain or president, the NCEMSF National Coordinator invites you to meet with your Regional Coordinator and other leaders in your geographic region. This session will serve as the first of three roundtable discussions this weekend that will allow you to network formally with your fellow schools and discuss issues facing your organization. Attendance will help your organization to grow within NCEMSF and your university. These sessions are limited to one or two representatives per school, and are ideally attended by squad leadership.

9:00 am - 9:55 am *Group Introductions / Meet & Greet*

Ballroom

Bring the banner you created on Friday night and show your organizational spirit. Each collegiate EMS organization will have an opportunity to briefly introduce themselves (school location, number of members, level of service, how many delegates at the conference, and one unique thing about their group).

Conference Schedule - Saturday, February 25, 2006

10:00 am - 2:00 pm *Career Development Fair*

Prefunction

10:00 am - 11:00 am *Workshop Session 1*

◆Tactical EMS

Ballroom A

David Callaway, MD

Tactical Emergency Medical Support (TEMS) is a system of care designed to provide maximum preventive and operational medical support to law enforcement personnel functioning in austere, volatile or violent environments. The ideal design, staffing, and implementation of a TEMS program efficiently employs existing community resources and integrates previously disparate law enforcement, EMS, and emergency medical/trauma center functions to form a new continuum of care. TEMS is a rapidly expanding field that is only now beginning to become standardized. The current PHTLS manual details the U.S. Military's Tactical Combat Casualty Care (TCCC) guidelines that are increasingly accepted in civilian law enforcement as the TEMS "standard of care."

★Clinical Toxicology

Ballroom B

Stephen P. Wood, MS, NREMT-P

Topics of toxicological interest to the college EMS community will be introduced and reviewed. Specifically, amphetamine and alcohol related emergencies will be covered, with an emphasis on the epidemiology, pharmacology, toxicology and emergency management of exposure to these drugs.

#Administrative Roundtables

Financing

Crispus Attucks

Recruitment and Retention

Molly Pitcher

Training

Haym Solomon

NCEMSF Leadership

For the second of the three roundtable discussions this weekend, NCEMSF Leadership will moderate conversations addressing three common collegiate EMS problem areas: financing, recruitment and retention, and training. Choose the topic that you need to learn the most about or the one on which you have the most to offer others. Share your successes and failures and learn from one another. Again, these sessions are limited to one or two representatives per school, and are ideally attended by squad leadership.

◎Electronic Data Collection

Thomas Paine

Part I: Lessons Learned Information Sharing

Erik Iverson, EMT

The U.S. Department of Homeland Security's *Lessons Learned Information Sharing (LLIS)* system is a free, secure, online resource for first responders and homeland security professionals. It is designed to identify and disseminate lessons learned

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

◆ trauma; ★ medical; # administrative; ◎ potpourri

Sessions are open to all, however, seating in all rooms is limited. So plan ahead, and arrive early to avoid being shut out of a lecture you want to hear.

Conference Schedule - Saturday, February 25, 2006

and best practices within and across emergency disciplines. This briefing will demonstrate the capabilities of the LLIS system by highlighting lessons learned in recent events such as the 2004 Madrid train bombings and the Hurricane Katrina rescue efforts.

Part II: National EMS Information System

Jeffrey Regis

The National EMS Information System, (NEMSIS) is an ongoing project to promote the NHSTA Uniform Pre-Hospital Dataset and the NEMSIS Dataset. 48 states and three territories have agreed to support and feed information to these national databases, which allow for real-time data analysis of the national EMS system. Attendees will learn how to contribute information and access data.

11:10 am - 12:10 pm Workshop Session 2

◆The Basics of Bullets, Blasts, Burns and Ballistics

Ballroom A

Joseph Palfini, RN, BSN, CCRN, Captain, United States Army

Drawing from experience in Iraq, the most recent after action reports, and trauma textbooks; we will discuss the emergence of ballistic injuries and penetrating trauma in combat and stateside. Exploring injury patterns and assessment techniques, we will cover critical interventions and mortality risks necessary to treat patients critically injured by blast and penetrating trauma. **WARNING: Graphic images from the battlefield will be used to explain concepts.**

★Managing the Difficult Airway

William Dawes

Christopher T. Stephens, MD

The lecture will review the basics of airway management and discuss options and techniques for handling the compromised airway through the use of various commercially available airway adjuncts.

#“It will be different when I am in Charge”

Understanding the myths and realities of EMS Leadership *Thomas Paine*

Raphael M. Barishansky, MPH, EMT

Almost every EMS provider has uttered these words sometime in their life. This lecture will provide EMS leaders and future leaders with a look at some of the pitfalls and realities of the day to day in regard to EMS supervision and management. Tricks, tips and a list of do's and don'ts will be presented. Target audience is EMS supervisors, directors, and anyone who aspires to these positions.

◎EMS at the Intersection of Public Health and Safety

Ballroom B

Richard Serino, Chief of Boston EMS

EMS is an essential public safety service that must be capable of addressing the day-to-day need for effective out of hospital emergency medical response. An effective EMS system is also essential to any plan to mitigate and respond to the medical consequences of a disaster or other public health crisis, whether natural or man-made. As the newest of the three primary public safety services, EMS joins with fire and police to maintain healthy, safe, and secure communities.

Public health systems protect the community through disease prevention, surveillance, and response. EMS holds a special position at the intersection of public health, health care, and public safety. Cooperation and integration of EMS and public health not only provides an essential infrastructure for daily response, but also can improve a community's preparedness and response to acts of terrorism as well as other identified public health needs.

Conference Schedule - Saturday, February 25, 2006

12:10 pm - 1:15 pm *Lunch*

With little over an hour to spare, we recommend reserving the local fare for dinner and selecting from the various lunch concessions set up in the hotel lobby designed to satisfy the hungry, yet frugal college student. Once you purchase your food, find a spot in the lobby or head back to one of the workshop rooms to sit, enjoy and continue conversations started earlier in the day. See the *NCEMSF Guide to Boston* for more details and a concessions menu.

1:15 pm - 2:15 pm *Workshop Session 3*

◆Trauma: The First Ten Minutes

Ballroom D

Adam S. Blumenthal, EMT-P

The first 10 minutes after arriving on the scene of a traumatic injury define the ultimate fate of your patient. The interventions that you choose based on your assessment make the difference in a successful outcome. This lecture will review the initial assessment and early management of trauma victims.

★2005 AHA Guidelines - The Science Behind the Changes *Ballroom B*

Mark Forgues, MEd, EMT-P

No doubt that by now you have heard of the significant changes in the American Heart Association's recommendations for Basic and Advanced Cardiac Life Support released this past December. Learn from a member of the AHA National Faculty the reasons behind the changes and the science that supports them. Find out what you have been doing "right" and "wrong."

#Large Event Pre-Planning

Ballroom A

Howard E. Huth, III, EMT-P

Large-scale special events often pose unique challenges that can tax any EMS system. Using two specific events on the SUNY Albany campus, Mr. Huth will provide an outline for how to manage properly any large-scale special event. The lecture will focus on coordinating and integrating preexistent resources to meet the needs of the event.

◎Do You Have Any Data?

William Dawes

Jonathan Fisher, MD, MPH

The value of EMS research and data gathering will be debated in this interactive session. The basics of research and how it relates to you as an EMS provider or administrator will be discussed. Suggestions for getting involved or starting your own project will be covered.

◎Life After Collegiate EMS:

Thomas Paine

Panel Discussion on how EMS has Influenced Career Decisions

Moderator - Noah Reiter, MPA, EMT-P

Not sure what you are going to do after graduation? At this panel discussion you will hear from several people that have utilized their experience in EMS to guide their career choice. Represented on this panel are professionals who work in the public health, medical, and EMS management fields.

2:25 pm - 3:25 pm *Workshop Session 4*

◆Burn Care 101

Ballroom A

James Watkins, MD

Dr. Watkins, representing the Brigham and Women's hospital, one of two ABA-verified burn centers in Boston, will review essentials of burn care for the EMS

Conference Schedule - Saturday, February 25, 2006

provider. His discussion will cover initial evaluation and management, mechanisms of injury, associated injuries and special classes (e.g., chemical, electrical) of burns, as well as criteria for transfer to a burn center.

★ "So What's Your Problem Again...?"

Ballroom B

A Look at Patient Assessment

Dwight A. Polk, MSW, NREMT-P

The most important tool that the EMT has is the ability to communicate. How many times have you forgotten to ask the "right question"? This presentation will discuss proper communication techniques to use with your partner, your patient, and the medical direction physician.

#Medico-Legal Issues Facing the EMS Provider

William Dawes

Abigail Williams, RN, JD, MPH

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

◎EMS and Medical Simulation

Thomas Paine

Charles Pozner, MD

EMS and medical simulation have a long history together. In fact, medical simulators have been employed consistently in EMS training and continuing education for over four decades. The fidelity of medical simulation has improved over the years and simulation is now employed as a methodology to provide both team training and content education to adult learners in many medical and allied health fields. This session will provide a background of medical simulation and the development of a simulation center. We will discuss curriculum development as well as how simulation will have an impact on EMS practice.

3:35 pm - 4:35 pm *General Session 1*

Ballroom

Who's Taking Care of You?

Overcoming the Physical and Emotional Trauma of EMS

Erik Garrison, MAEd, MSc, DLSHTM

Feeling as if you are on duty - constantly? Working, studying, and living on a constant sleep deficit? Witnessing traumatic events unthinkable to the common citizen? Eating what you can scavenge in the short breaks you have for "dining"? Trying to find a happy medium between work, school, spirituality, friends, and love?

It is too much to ask a group of dedicated individuals to do these things, and yet we expect you live this way daily. You do not have to live such a stressful life, and you certainly don't have to do it alone. Coach Eric Garrison will help you identify ways to deal with the distress and eustress in your daily lives, so that you don't experience the burnout, or at the other end of the scale - depression and suicide, commonly associated with serving in emergency medicine. Through some simple techniques, you can become a stronger student, friend, daughter or son, lover, and EMS leader, as you enjoy your life and your job more than ever before.

Conference Schedule - Saturday, February 25, 2006

4:35 pm - 4:45 pm *Snack Break* *Prefunction*
S'mores and coffee anyone? Give your blood glucose and caffeine levels a boost to help you through the remaining hours of the day.

4:45 pm - 5:45 pm *Zoll Medical General Session 2* *Ballroom*
Collegiate EMS: Driving the Future of Healthcare
Allen Johnson, MPA, EMT-P
The healthcare industry is under constant change by a variety of forces and stakeholders. Emerging EMS leaders have the opportunity to drive this change and impact EMS and the healthcare industry as never before. The session will review the driving forces in EMS and the healthcare industry as a whole. You will be challenged to explore your future role in EMS and the broader healthcare world.

5:45 pm - 6:30 pm *Business Meeting & Committee Reports* *Ballroom*
Learn how NCEMSF can better serve you through all of its programs and member benefits. Includes reports from the executive officers and committee chair people.

Awards Presentations

NCEMSF recognizes outstanding efforts made by individuals and organizations through its awards program. The program currently has seven different awards:

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

The winners of the Medtronic EMS skills competition will also be announced.

6:30 pm - 7:30 pm *Alumni Mixer and Networking Event* *Zephyr*
Campus EMS Alumni are invited to join the NCEMSF leadership at Zephyr on the Charles, the hotel restaurant and bar, for happy hour. Reminisce with old friends and catch up on happenings since graduation. Conference badge with "Alumni" ribbon and proper ID required for entrance.

6:30 pm *Dinner & Evening Activities in Boston*
Check the *NCEMSF Guide to Boston* in your conference folder for suggested dining options and entertainment. Take a ride on one of the NCEMSF Big Yellow School Buses and join the official NCEMSF party at The Embassy nightclub on lively Lansdowne Street.

Schools in Attendance

Congratulate yourselves: you made this conference larger than ever before!

At the time of publication, the following 78 schools had registered delegations:

(information below is from the NCEMSF Database, please see your RC to update your profile)

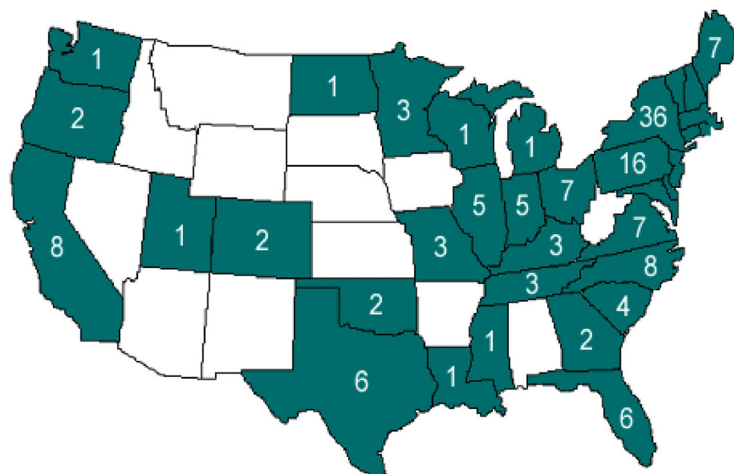
School Name	State	NCEMSF Region	Type	Sub-type
Bard College	NY	New York	BLS	QRS
Binghamton University	NY	New York	ALS	Ambulance Transport
Boston University	MA	Massachusetts	BLS	QRS
Brandeis University	MA	Massachusetts	BLS	Non-emergent Transport
Brown University	RI	Northeast	ALS	Ambulance Transport
Carnegie Mellon University	PA	Pennsylvania	BLS	QRS
Case Western Reserve University	OH	Midwest	BLS	QRS
Clark University	MA	Massachusetts	FR	QRS
College of Charleston	SC	Southeast	FR	QRS
Columbia University	NY	New York	BLS	Ambulance Transport
Cornell University	NY	New York	BLS	Non-emergent Transport
Daniel Webster College	NH	Northern New England	Startup	Startup
Dartmouth College	NH	Northern New England	FR	Ski Patrol
Duke University	NC	Southeast	BLS/ALS	Non-emergent Transport
Embry-Riddle Aeronautical University	FL	Southeast	BLS	QRS
Fordham University	NY	New York	BLS	Ambulance Transport
Franklin Pierce College	NH	Northern New England	BLS	QRS
Georgetown University	DC	Mid Atlantic	BLS	Ambulance Transport
Hampshire College	MA	Massachusetts	BLS	Non-emergent Transport
John Carroll University	OH	Midwest	BLS	QRS
Johns Hopkins University	MD	Mid Atlantic	BLS	QRS
Juniata College	PA	Pennsylvania	BLS	QRS
Lehigh University	PA	Pennsylvania	BLS	QRS
Loyola Marymount University	CA	West	BLS	QRS
Massachusetts Institute of Technology	MA	Massachusetts	BLS	Ambulance Transport
Montclair State University	NJ	Northeast	BLS	Ambulance Transport
Mount Holyoke College	MA	Massachusetts	BLS	Non-emergent Transport
Muhlenberg College	PA	Pennsylvania	BLS	Non-emergent Transport
North Carolina State University	NC	Southeast	Startup	Startup
Pennsylvania State University	PA	Pennsylvania	BLS/ALS	Ambulance Transport
Radford University	VA	Mid Atlantic	BLS/ALS	QRS
Ramapo College of New Jersey	NJ	Northeast	BLS	Ambulance Transport
Rensselaer Polytechnic Institute	NY	New York	BLS	Ambulance Transport
Rochester Institute of Technology	NY	New York	BLS	Ambulance Transport
Rutgers University	NJ	Northeast	Startup	Startup
Saint Anselm College	NH	Northern New England	BLS	QRS
Saint Joseph's University	PA	Pennsylvania	Startup	Startup
Santa Clara University	CA	West	BLS	QRS
Springfield College	MA	Massachusetts	BLS	QRS
St. Bonaventure University	NY	New York	BLS	QRS
St. Lawrence University	NY	New York	BLS	QRS
SUNY Albany	NY	New York	BLS	Ambulance Transport
SUNY Cobleskill	NY	New York	BLS	QRS
SUNY College at Cortland	NY	New York	BLS	QRS
SUNY Geneseo	NY	New York	BLS	QRS
SUNY New Paltz	NY	New York	ALS	Ambulance Transport
SUNY Oneonta	NY	New York	BLS	QRS

Schools in Attendance (Continued)

SUNY Oswego	NY	New York	BLS	Ambulance Transport
SUNY Potsdam	NY	New York	BLS	QRS
SUNY Stony Brook	NY	New York	BLS/ALS	Ambulance Transport
Syracuse University	NY	New York	BLS	Ambulance Transport
Texas A&M University	TX	Central	ALS	Ambulance Transport
The George Washington University	DC	Mid Atlantic	BLS	Non-emergent Transport
Tufts University	MA	Massachusetts	BLS	Non-emergent Transport
Tulane University	LA	Central	BLS	Ambulance Transport
Union College	NY	New York	BLS	QRS
University of Connecticut	CT	Northeast	Startup	Startup
University of Dayton	OH	Midwest	BLS	Ambulance Transport
University of Delaware	DE	Mid Atlantic	BLS	Ambulance Transport
University of Illinois at Urbana-Champaign	IL	North Central	BLS	Event Standby Only
University of Maine	ME	Northern New England	BLS/ALS	Ambulance Transport
University of Maryland - Baltimore County	MD	Mid Atlantic	Startup	Startup
University of Massachusetts Amherst	MA	Massachusetts	BLS	Event Standby Only
University of Massachusetts Lowell	MA	Massachusetts	BLS	QRS
University of New England	ME	Northern New England	Startup	Startup
University of Pennsylvania	PA	Pennsylvania	Startup	Startup
University of Rhode Island	RI	Northeast	BLS	Ambulance Transport
University of Rochester	NY	New York	BLS	QRS
University of Tampa	FL	Southeast	Startup	Startup
University of Vermont	VT	Northern New England	ALS	Ambulance Transport
Ursinus College	PA	Pennsylvania	BLS	QRS
Vermont Technical College	VT	Northern New England	BLS	QRS
Villanova University	PA	Pennsylvania	BLS	Ambulance Transport
Virginia Polytechnic Institute and State University	VA	Mid Atlantic	ALS	Ambulance Transport
Wake Forest University	NC	Southeast	BLS	QRS
Washington University - St. Louis	MO	Central	BLS	QRS
Western Carolina University	NC	Southeast	BLS	Ambulance Transport
Worcester Polytechnic Institute	MA	Massachusetts	FR	QRS



Geographic Distribution of Campus EMS Groups in the NCEMSF Database



New Hampshire: 7
 Vermont: 4
 Massachusetts: 18
 Rhode Island: 3
 Connecticut: 4
 New Jersey: 6
 Delaware: 1
 Maryland: 4
 DC : 3

Conference Schedule - Sunday, February 26, 2006

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

Prefunction

8:30 am - 9:30 am *Workshop Session 5*

★Responding to the Drug Overdose

Ballroom A

Part I - Restraining Violent Patients

Richard Lapierre, EMT-P

EMS is often called upon to deal with physically violent patients who are either under the influence of mind altering substances or otherwise mentally incapacitated. Specific techniques for how to physically restrain a patient safely (both for provider and patient) will be discussed and demonstrated. The medico-legal issues involved will also be addressed.

Part II - From Marijuana to Nutmeg. Yes, Nutmeg!

Mark Palla, NREMT-P

Nationwide approximately 25 to 30% of College EMS calls involve alcohol and drug abuse. This talk will focus on the familiar and not-so-familiar drugs of abuse and their treatment in the pre-hospital setting.

★Pushing the BLS Envelope

Ballroom B

Noah Reiter, MPA, EMT-P

The delivery of emergency medical services has evolved considerably since its inception and continues to do so at a rapid pace. Advances in both medicine and technology are two of the primary drivers of EMS' ongoing evolution. This presentation will explore the ever-expanding scope of practice for Emergency Medical Technicians in the United States. Specifically, the following broad categories will be examined:

- 1) Treatments/skills that were once reserved solely for ALS providers that are now within the BLS scope of practice.
- 2) Treatments/skills that are currently reserved for ALS providers that should be within the BLS scope of practice.
- 3) Treatments/skills that might become included in the BLS scope of practice in the future.

The goal of this presentation will be to foster a discussion about the future of BLS-level care, which will hopefully provide a catalyst for change in the participants' home EMS agencies.

#How Safe Are Your Ambulances?

William Dawes

David Mener

Responding to emergency calls and transporting patients to the hospital at emergency speeds, place the crew and occupants of an ambulance at considerable risk if involved in an accident. This seminar will identify preventable risk factors for collisions, injuries, and fatalities. Several studies will be discussed that suggest that enforcement of driving regulations, changing ambulance operator's behavior, improved head protection, and improved engineering modifications of the rear compartment may reduce injuries, fatalities, and financial costs associated with collisions.

◎EMS at an MCI and the SMART Tagging System

Thomas Paine

Jeffrey Regis

Responses to Mass Casualty Incidents require extensive coordination and preplanning. An MCI can happen anywhere on your campus... sports stadium, chemistry lab, or dormitory. This seminar will review the EMS functions at an MCI, the duties and responsibilities of EMS Officers, and the SMART Tagging System.

Conference Schedule - Sunday, February 26, 2006

9:40 am - 10:40 am Workshop Session 6

◆Urban Search and Rescue

Ballroom A

Steven Kanarian, MPH, EMT-P

Urban search-and-rescue involves the location, rescue, and initial medical stabilization of victims trapped in confined spaces. Structural collapse is most often the cause of victims being trapped, but victims may also be trapped in transportation accidents, mines and collapsed trenches. Urban search-and-rescue is considered a "multi-hazard" discipline, as it may be needed for a variety of emergencies or disasters, including earthquakes, hurricanes, typhoons, storms and tornadoes, floods, dam failures, technological accidents, terrorist activities, and hazardous materials releases.

★Controversies in Pre-hospital Care

Ballroom B

Christopher Fischer, MD

Recent research articles that deal with controversies in pre-hospital care will be reviewed and the role of clinical research in answering clinical questions will be discussed.

#Quotable Quotes

William Dawes

David I. Bacall, EMT

Analysis and synthesis of the lessons learned from famous quotes of world leaders, past and present, provides the basis for this talk aimed at helping to raise our organizations and ourselves to the next highest level.

#If You Can't Measure It, You Can't Manage It!

Thomas Paine

Bill Mergendahl, JD, EMT-P

The use of key performance indicators (KPIs) and benchmarking will be emphasized as a means of improving service quality. Methods of gathering data and using it in your Continuous Quality Improvement (CQI) program will be highlighted. Participants will have the opportunity to work together to establish a benchmarking project that could benefit all NCEMSF members and services.

10:50 am - 11:50 am Workshop Session 7

★Medical Case Studies

Ballroom A

Frank Caria, MPA, EMT-P

While much of the EMT curriculum concentrates on trauma, medical emergencies are more prevalent in the college campus environment. This interactive session will provide the attendee with a better understanding of medical emergencies commonly encountered. Several real-life examples will show how a provider's proper assessment can be the key to helping those in need.

#Communications

William Dawes

Geoffrey Bartlett, EMT

Reliable communications are a necessity for public safety operations. Communications have also been shown to be the lynch pin of successful or failed disaster responses. Learn about the selection and use of various types of communications systems. Understand technical challenges, future regulatory requirements, and popular technology for disaster preparedness.

Conference Schedule - Sunday, February 26, 2006

#Service Roundtables

Startup

Crispus Attucks

QRS/Non-emergent Transport

Molly Pitcher

Ambulance Transport

Haym Solomon

NCEMSF Leadership

For the third and final set of roundtable discussions this weekend, NCEMSF Leadership will moderate conversations specific to various service types and help squads address issues specific to the nature of service they provide. One of the sessions will be devoted specifically to aiding new startups in applying all that they learned at this year's conference and helping them determine the next steps in solidifying their fledgling organizations. Again, these sessions are limited to one or two representatives per school, and are ideally attended by squad leadership.

◎Disaster Response: Tulane's Experience with Katrina *Ballroom B*

Andrew Jahier

Response to natural and manmade disasters is an ever-increasing role for EMS agencies nationwide. The Tulane EMS Disaster Response Team served for 40 days in the wake of hurricanes Katrina and Rita. This lecture will focus on Tulane's experiences, how to create a disaster response team for your organization, how to find funding, and how to plan and execute disaster response operations.

◎EMS on Bikes: Annual NCEMSF IPMBA Update

Thomas Paine

Neil Blackington, EMT-P

Mountain bikes have proven effective in a number of different environments. They are swift and agile in busy urban areas where traffic and crowds delay motorized units. Bikes are effective for parks, parking lots, academic settings, residential areas, business districts, special events, and more. The mobility of an EMS provider on a bike can mean the difference between life or death in congested or crowded conditions. This lecture will discuss the use of bikes to provide effective coverage for large events. It will also review aspects of bicycle training, maintenance, and equipment selection.

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

Ballroom D

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

1:00 pm *Hotel Check-out*

Late check-out has been arranged for all conference participants staying at either the Hyatt or the Radisson. Thank you for attending this year's conference. We look forward to seeing you next year (**February 23-25, 2007**). Please fill out your conference evaluation forms in your conference folders and return the forms to the registration table. Requests for proposals to host the 2007 conference will be available March 13 through April 9 at www.ncemsf.org/about/conf2007.

Presenter Bios

David I. Bacall, EMT

David I. Bacall, NCEMSF Startup Coordinator, began his career in emergency services as a high school student in New Jersey with the Teaneck Volunteer Ambulance Corps. At the University of Hartford he became the EMS coordinator his freshman year, a position he held for two years. He also volunteered with Bloomfield Ambulance and became a Connecticut State Certified EMT examiner. David finished his degree at Ramapo College of NJ where he established the College's Emergency Medical Service. He holds a BA in Public Communication from Ramapo as well as a certificate in CISM from Yale University School of Medicine. David is currently training to become a NJ EMT Instructor and still works EMS as both a paid and a volunteer provider. In 2002, as the recruitment and retention officer for Teaneck NJ Volunteer Ambulance Corps, he was responsible for placing over 75 new recruits in the EMT class and assisting the Teaneck Board of Education in establishing its own EMT course for high school credit. He currently works as a Financial Consultant for AXA-Advisors, a global Money Manager and Risk Management Firm, where one of his responsibilities is recruitment of college interns.

Raphael M. Barishansky, MPH, EMT

Raphael M. Barishansky is the Executive Director of the Hudson Valley Regional Emergency Medical Services Council, the regulatory agency for a six county EMS region based in Newburgh, NY. He has over fifteen years of experience in emergency medical services, including pre-hospital clinical care, special operations, administration, and education, in urban, suburban and rural systems. Since 1990, Mr. Barishansky has worked as an EMT in a variety of career and volunteer systems in New Jersey and continues to be active in the EMS community.

Mr. Barishansky has authored or co-authored over two dozen technical articles and opinion pieces for various EMS publications, including *the Annals of Emergency Medicine*, *EMS Insider*, *EMS Manager & Supervisor*, *the Journal of Volunteer Administration*, *the Journal of Emergency Medical Services (JEMS)* and *EMS Magazine*, for which he contributes a bi-monthly column, "10 Minutes with...", highlighting various leadership figures in the EMS Community.

Currently he serves on the Board of Directors for the National Emergency Medical Services Management Association (NEMSMA), the Fire & Emergency Training Network (FETN) EMS Advisory Board and the Editorial Advisory Board of *EMS Magazine*. Additionally, Mr. Barishansky acts as a course reviewer for the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS), a peer reviewer for *Prehospital Emergency Care* and a site reviewer for the Commission on Accreditation of Ambulance Services (CAAS).

Geoffrey Bartlett, EMT

Geoffrey Bartlett got his start in campus EMS at Tufts University in 1994. Geoff is currently the Technical Services Manager for the Tufts University Department of Public Safety, where he continues as an advisor to Tufts EMS. He is a Communications Officer in the Department of Homeland Security's National Disaster Medical System. Geoff manages five radio stations and two communications centers at Tufts

and has established and operated communications systems in New York City after 9/11, Guam, Bam, Iran and most recently in post-Katrina Louisiana.

Neil Blackington, EMT-P

Neil Blackington has been involved in EMS for thirty-three years, and has spent the past ten of those years as a bike paramedic with Boston EMS. He joined the International Police Mountain Bike (IPMBA) in 1998 and became an IPMBA instructor in 1999. He now serves on IPMBA's Governing Board as EMS Coordinator. In 2004, Mr. Blackington served as a member of the Commonwealth of Massachusetts Emergency Medical Care Advisory Board's Standing Committee on MCI Planning and Evaluation.

Adam S. Blumenthal, EMT-P

Adam is a paramedic and Associate Director of the Clinical Training Center at Boston Medical Center.

David Callaway, MD

Dave Callaway is a first year resident in Emergency Medicine at the Harvard Affiliated Emergency Medicine Program at Beth Israel Deaconess Medical Center. Dr. Callaway has previous training in General Surgery and served as a Battalion Surgeon with Third Radio Battalion, Marine Forces Pacific. After a combat tour in Kuwait and Iraq, he worked closely with U.S. Special Forces Command to redesign the Combat Medical Training for Navy Hospital Corpsmen and U.S. Marines. He currently serves as the civilian ITEMS representative to the Joint Committee on Tactical Combat Casualty Care.

Frank Caria, MPA, EMT-P

Frank Caria has been active in EMS for ten years as an ALS and BLS provider and instructor and is currently serving as Captain of Rescue for the Dix Hills Fire Department in New York. He holds a masters in public administration with a concentration in healthcare services. As an undergraduate at Muhlenberg College, he founded its EMS program.

Christopher Fischer, MD

Christopher Fischer is a second year resident in Emergency Medicine at the Harvard Affiliated Emergency Medicine Program at Beth Israel Deaconess Medical Center. He is a graduate of Georgetown University School of Medicine and Georgetown University's Walsh School of Foreign Service. He is a former Georgetown Emergency Response Medical Service (GERMS) member and Crew Chief (1992-1995) and former EMT-Paramedic (1995-2000).

Jonathan Fisher, MD, MPH

Jonathan Fisher, MD, MPH is on faculty at Harvard Medical School and is the Assistant Director of Clinical Research at Beth Israel Deaconess Medical Center in the Department of Emergency Medicine. He is an Alumnus of Tufts University EMS and NCEMSF.

Mark Forgues, MEd, EMT-P

Mark Forgues is director of Medical Resources Group, LLC, an EMS consultation company, as well as American Heart Association National Faculty. He is also the technical advisor

Presenter Bios

for Massachusetts Institute of Technology EMS. His over 25-year career in EMS has included experience in Massachusetts, Maine, and New Hampshire. He holds a masters degree in education from Fitchburg State College, and is a certified teacher. He is highly active in the EMS education community, regularly teaching EMT-Intermediate, paramedic, BLS, BTLs, PALS, and ACLS classes.

Eric M. Garrison, MAEd, MSc, DLSHTM

Web: www.ericgarrison.info Email: eric@ericgarrison.info
Having earned one graduate degree in education from the College of William and Mary and another graduate degree in Sex Research from the University of London, Eric Garrison was diplomated by the world's oldest school of public health, the London School of Hygiene and Tropical Medicine, where the Virginia native had once served as student president. Though his funny and factual lectures on sex and relationships at undergraduate schools have made him well-known across America, Garrison's international reputation as a clinical sexologist and dynamic deliverer of client care advice to thousands of doctors, nurses, psychologists, EMTs, and phone triage specialists from Oxford, Mississippi, to Oxford University earned him a place this year as a keynote presenter, to provide guidance to every student and advisor in attendance. This marks Coach Garrison's third appearance at an NCEMSF national conference.

Howard E. Huth, III, EMT-P

Having spent the last 11 years working as a field provider and EMS educator, Howard is currently the EMS Advisor to Five Quad Volunteer Ambulance Service at SUNY Albany. His primary employment is serving as the Clinical Coordinator for the Paramedic Program at Hudson Valley Community College in Troy, NY, although Howard stays active in the field as a paramedic with Guilderland EMS and as a volunteer EMT with Western Turnpike Rescue Squad.

Erik Iverson, EMT

Erik Iverson is a Research Analyst with the U.S. Department of Homeland Security's *Lessons Learned Information Sharing* system. His research has focused primarily on issues related to intelligence and information sharing, disaster response, and emergency medical services. A graduate of Georgetown University's Walsh School of Foreign Service, Mr. Iverson earned his B.S. in International Politics. He has been an EMT-B for four years, serving with the Georgetown Emergency Response Medical Service (GERMS), Union Hill Fire Rescue, and the Bethesda Chevy Chase Rescue Squad.

Andrew Jahier

Andrew Jahier began his EMS career in 1999 when he became certified as a New York CFR. In 2000, he became a member of the Dix Hills Fire Department and received a certification as a Firefighter I. In 2001, Andrew became a Nationally Registered, New York, and Louisiana EMT. Upon enrolling at Tulane University as a freshman in the fall of 2002, Jahier became a member of Tulane EMS (TEMS) and joined the US Navy ROTC as a midshipman. In 2004, Jahier was elected Director of Operations for TEMS and appointed Assistant Coordinator of the TEMS Disaster Response Team. The following year Jahier was elected to shift supervisor and became Director of TEMS. Most recently, in addition to his other duties, Jahier took on the roll of Coordinator of the

Tulane EMS Disaster Response Team during its extended response to hurricanes Katrina and Rita.

Allen Johnson, MPA, EMT-P

Allen Johnson has served as the Chief Administrative Officer for Montgomery County Hospital District in Conroe, Texas since February 2005. He joined the District in 1998 as the EMS Operations Manager and assumed the role of EMS Director in 1999. He obtained a BS in Psychology and a Masters of Public Administration from Texas A&M University while working as a paramedic for the Recreational Sports Department. Previously, Allen worked as a field paramedic, Director of EMS Education at Montgomery College, and EMS Director for Waller County. Allen's management philosophy focuses on employee development and satisfaction. Allen serves on numerous boards and committees including the Governor's EMS and Trauma Advisory Council EMS Committee, the Southeast Texas Trauma Regional Advisory Council, the Houston Galveston Area Council's Trauma Policy Council, and Medilife. Allen, his wife Kristin and two daughters reside in The Woodlands, Texas.

Steven Kanarian, MPH, EMT-P

Steven Kanarian has 22 years of diverse EMS field experience as a paramedic and EMS supervisor in the New York City 911 System. He also serves as a FEMA Urban Search and Rescue Medical Specialist. Steve has conducted EMS research and has published articles in EMS journals. He has been teaching EMS providers and conducting continuing education lectures for over 10 years. Steve is a graduate of the Northeastern University Paramedic Program and received an AAS degree in Paramedic Science from LaGuardia Community College. He received a Bachelor degree in Organizational Management from Nyack College and a Masters of Public Health, concentrating in EMS Management, from New York Medical College.

George J. Koenig, Jr., DO, MS

George Koenig, NCEMSF President, is currently a third-year surgical resident. He graduated in 2003 with a Doctor of Osteopathy degree from The Philadelphia College of Osteopathic Medicine (PCOM). He received his Masters degree in Biomedical Science from PCOM in 1999. 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. In 1996, he was elected as President of NCEMSF. Aside from his involvement with NCEMSF, he is a member of the Volunteer Medical Service Corps of Lower Merion and Narberth. His strong convictions about the benefits of collegiate EMS are evident by the encouragement and support that he offers on a daily basis to collegiate EMS groups.

Richard Lapierre, EMT-P

Rick Lapierre is Director of Emergency Medical Services for Brown University in Providence, Rhode Island. He is a

Presenter Bios

licensed Rhode Island EMT Cardiac and Instructor/Coordinator. He is a retired deputy fire chief. In addition to his duties at Brown, he is the Director of the Emergency Management Agency of the Town of Burrillville, Rhode Island and also works part-time for the Burrillville Police Department as a dispatcher, SRT Medic and department chaplain.

Joshua A. Marks

Joshua Marks, NCEMSF Secretary, is currently a third-year medical student at Jefferson Medical College of Thomas Jefferson University in Philadelphia, Pennsylvania. He received his Bachelor of Arts degree in Economics in May 2003 from Columbia University in the City of New York. He has been involved with EMS since 1998 as a member of the Volunteer Medical Service Corps of Lower Merion and Narberth (VMSC) and of Columbia University EMS (CUEMS). Joshua serves as VMSC's BLS Coordinator and sits on the Corps' Clinical Care and Quality Assurance Committee. He previously served as Secretary of the VMSC Board and Chair of the Corps' Membership Committee. At Columbia, Joshua served as the Chief Medical Officer (2001) and Executive Director (2002) of CUEMS.

Joshua became involved with NCEMSF in 2000 when he attended his first National Conference as a college freshman. He served for three years as the Foundation's first National Coordinator from 2001-2004 before being elected to the Executive board. Joshua is the 2001 recipient of the George J. Koenig, Jr. Award and 2003 NCEMSF Collegiate Provider of the Year Award as well as the 2003 recipient of the American College Health Association's Lewis Barbato Award.

Eric MaryEa, NREMT-P

Eric MaryEa, NCEMSF Director-At-Large, began his career in EMS at the University of Delaware in 1999. A year later he was elected as the Director of Training. In 2001, he was promoted to the position of Coordinator/Captain for the University of Delaware Emergency Care Unit (UDECU). After graduating from the University of Delaware in 2003 with a BA in Criminal Justice, Eric furthered his education in emergency medicine through the channels of the State University of New York at Stony Brook Paramedic Program. Eric plans to continue his education in the healthcare field and continue his work as an EMS instructor.

David Mener

David Mener graduated in May 2005 Magnum Cum Laude with a Bachelors of Arts Degree from the University of Rochester in Rochester, New York, double majoring in Psychology and American Sign Language. Currently, he is enrolled in the joint 5 year combined Masters in Public Health (MPH)/ Doctor of Medicine (MD) program at the University of Rochester School of Medicine and Dentistry. David has been a member of the University of Rochester Medical Emergency Response Team (MERT) since 2001 serving as the Assistant Director of Training (2002-2003) and the Director of Operations (2003-2004). David is currently a medic trainer and member of the Board of Directors for Henrietta Ambulance Corps in Henrietta, New York where he currently serves as a representative for the Vehicle Accident Review Board committee. David has published several abstracts and papers

regarding emergency medical services and pre-hospital care in collaboration with the University of Rochester and Maimonides Medical Center in Brooklyn, New York.

Bill Mergendahl, JD, EMT-P

Bill Mergendahl has been with Professional Ambulance since 1987 and has served as its CEO since 1990. He is responsible for all aspects of the daily operation and administration of the company while continuing to work as a field provider. Bill has extensive experience in reimbursement and regulatory issues. Continuously involved in EMS system issues, Bill participates in state, regional and local committees, including the Statewide Diversion Taskforce and the Cambridge LEPC. Currently he serves on the Board of Directors of the Massachusetts Ambulance Association and the Metro Boston EMS Council. Bill holds a law degree from Northeastern University School of Law and is a paramedic.

Mark E. Milliron, MS, MPA, EMT

Mark Milliron, NCEMSF Director-at-Large, is an EMT Instructor, EMT, and an EMS Supervisor with Penn State University EMS. He has been on the NCEMSF Board of Directors since 1995, serving as Chairman of the Constitution Committee and Temporary Governing Board of NCEMSF during its formal organization from 1995 to 1996, and as Treasurer of NCEMSF from 1996 to 1999.

At Penn State he began his involvement in campus EMS as an EMT trainee while an undergraduate in 1983. Following service as a US Naval officer, he returned to Penn State as a graduate student and has served as a regular crew member and special events staff with University Ambulance Service continuously since 1989. During 1993-1994 he founded and served as President of the Penn State student EMS Association, was Supervisor of University Ambulance Service from 1994 through 1995, and founded the Penn State EMS Alumni Interest Group in 1999 and serves as the group's President. He was a Lecturer in Health Policy and Administration at the University from 1994 to 1996, and is currently a continuing education instructor in kinesiology for the University's EMT training program. He has master's degrees in public administration and health administration, and is currently employed as the Director of three community health care clinics.

Meghan Moore

Meghan has been a member of LMU EMS for the past three years. She serves as a Veteran member of the organization as well as Vice President. She was involved in the planning and implementation of several on campus programs sponsored by LMU EMS this past year. In addition to her work with the EMTs, she is active in Campus Ministry and her service organization Ignatians. Meghan will graduate in May 2006, with a double major in political science and theological studies, and a minor in peace studies. In the fall, she will be attending Georgetown University Law Center and Johns Hopkins University Bloomberg School of Public Health to pursue a joint JD/MPH.

Heather Olsen

Heather Olsen has been a New York State EMT since 2002. Originally from Minnesota, she had no prior EMS experience

Presenter Bios

before joining Syracuse University Ambulance in 2001. Over the last five years, her interest in training, leadership and member retention has led to two years acting as Training Supervisor. In addition, she has served as a Field Supervisor for the past two years. Heather plans to finish her degree in chemistry this spring, then spend a SEA Semester in the South Pacific, participate in Teach for America for two years, and eventually pursue a career in medicine.

Joseph Palfini, RN, BSN, CCRN Captain, United States Army

Joe Palfini began his EMS career in 1993 with Villanova University EMS, serving as Captain in 1994 and 1995. After graduating with a Bachelor of Science in Nursing, he focused on trauma and critical care medicine. Joe has worked at several Level I trauma centers including Albert Einstein Medical Center in Philadelphia, the R Adams Cowley Shock Trauma Center in Baltimore, and University Hospital in San Antonio, Texas. In 2002, Joe took a position as a Flight Nurse with San Antonio AirLife, a rotor-wing EMS provider serving south Texas. In December 2004, he left Texas and traveled to Southwest Asia as Commander of the US Army's B/228th Combat Support Hospital stationed in Tikrit, Iraq (the hometown of Saddam Hussein). Captain Palfini spent 12 months commanding a 32 bed hospital in a combat zone before returning home just three months ago.

Mark Palla, NREMT-P

Mark Palla is a Supervisor of Emergency Medical Services for Brown University in Providence, Rhode Island. He is a licensed Rhode Island and Nationally Registered EMT Paramedic and has broad experience in EMS education and practice. In addition to his duties at Brown he serves as a Tactical Medic for the Rhode Island State Police and is the Logistics Chief of RI-1 Disaster Medical Assistance Team of FEMA and the Department of Homeland Security.

Dwight A. Polk, MSW, NREMT-P

Dwight is the Paramedic Program Coordinator at the University of Maryland Baltimore County (UMBC) in Baltimore and is the a familiar face at conferences around the country. In addition to being a fulltime educator, he is an active paramedic who believes that there is more to EMS than IV's and medications. Dwight has a Master's Degree in Occupational Social Work and is a mental health professional for two Critical Incident Stress Management (CISM) teams in the Baltimore area.

Charles Pozner, MD

Dr. Pozner is an attending physician, Medical Director of the STRATUS Center for Medical Simulation, and Director of Prehospital Care for the Department of Emergency Medicine at Brigham and Women's Hospital and an Assistant Professor of Medicine in the Division of Emergency Medicine at Harvard Medical School. He attended Tufts University School of Medicine in Boston, Massachusetts. Dr. Pozner completed a residency in Internal Medicine at Beth Israel Hospital in Boston, and a residency in Emergency Medicine at the UCLA Medical Center in Los Angeles, California. Board certified in both Internal Medicine and Emergency Medicine, he became a founding faculty member in the Department of Emergency Medicine at Beth Israel Deaconess Medical Center in Boston

where he served as the Director of Prehospital Care. Since joining the faculty at Brigham and Women's Hospital in 2002, Dr. Pozner has led the development of the Simulation, Training, Research, and Technology Utilization System Center of Medical Simulation (STRATUS). He has led the development of the Simulation-based emergency medicine residency educational format, and has developed simulation education programs for a diverse group of clinicians, from skilled nursing facility nurses to pre-hospital care providers. Dr. Pozner has been an invited lecturer on simulation both nationally and internationally. His other significant administrative and leadership roles include: Director of Pre-Hospital Care and Advanced Life Support Services; Medical Director of the Emergency Cardiac Care Program; Director of Section of EMS for the Harvard Affiliated Emergency Residency program; and Director of the Longitudinal EMS Rotation.

Dr. Pozner also holds numerous key appointments at the regional and national level. These include, at the regional level, Regional Medical Director for the Metropolitan Boston EMS Council for Region IV, Regional Faculty for the American Heart Association, Medical Director for the City of Newton EMS System, and Chairman of the Mayor's Subcommittee on Emergency Medical Services. Dr. Pozner's national appointments include serving on the Steering Committee of the EMS Section of the American College of Emergency Physicians, a member of the National Disaster Medical System, and ex-Councilor for the EMS Section of the American College of Emergency Physicians. He is also Editor-in-Chief of PEPID EMS, a palm-based curriculum for pre-hospital providers.

Jeffrey Regis

Jeff Regis has been in EMS for over 30 years. He received his initial EMT certification in 1973 from Wisconsin. He is currently the Quality Assurance Coordinator for the Southern Maine EMS Council. He has previously served as President and Vice President of S MEMS, and as York County Rescue Chiefs' representative to the S MEMS Board. He has also served as the Assistant Rescue Chief in Newfield and Rescue Chief in Acton Maine.

Noah Reiter, MPA, EMT-P

Noah Reiter is the Director of EMS, Security, and Emergency Preparedness for Lenox Hill Hospital, which is a participant in the New York City 911 System, handling 24,000 EMS calls annually. He also serves as the Borough of Manhattan representative on the EMS Steering Committee of the Greater New York Hospital Association and sits on the Regional Medical Advisory Council of New York City. In the August 2005 issue of *Emergency Medical Services Magazine*, Noah was featured as an "Emerging EMS Leader" in the United States. His career in EMS administration began at Rice University where he co-founded its Emergency Medical Services while an undergraduate student there. Upon graduation from Rice, he assumed the role as the university's full-time EMS Director. He has worked in the field for numerous EMS systems, as well as for the Houston Fire Department in EMS Administration. His primary interests are clinical quality improvement, customer service, and the advancement of EMS as a profession.

Presenter Bios

Scott C. Savett, PhD, EMT

Dr. Scott Savett, NCEMSF's Vice President and Webmaster, 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). During that time Scott was also actively involved with two volunteer ambulance squads in Montgomery County (PA), attaining the position of Training Officer at one of them. He was also a certified EMT-instructor with the Montgomery County EMS Training Institute. Scott received his bachelor of science degree in chemistry from Ursinus in 1994 and immediately enrolled in graduate school at Indiana University-Bloomington. In 1994, during his first year in graduate school at Indiana University 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 Fire Department and EMS (CUFD-EMS), eventually upgrading his level of training to NREMT-I and becoming cross-trained in the fire service. In May 2000, Scott received a Ph.D. in analytical chemistry from Clemson University and subsequently relocated to northern New Jersey to pursue a career in scientific software. After just three short years in New Jersey, he moved back to the town where he grew up in the Philadelphia suburbs. He is an analyst with Thermo Electron Corporation's informatics division, the leading supplier of Laboratory Information Management System (LIMS) to the pharmaceutical industry. Scott is currently an EMT in the Commonwealth of Pennsylvania, and is active with Whitmarsh Ambulance.

Richard Serino, Chief of Boston EMS

Richard Serino began his career at Boston EMS in 1973 and has risen through all the ranks to currently serve as Chief of the Department, a role he has held since 1999. Mr. Serino also serves as a Bureau Chief for the City of Boston's Public Health Commission where he assists in establishing public health goals and guides policy development. He has attended Harvard University, Kennedy School of Government, Senior Executives in State and Local Government program in 2000, and in 2005 completed the National Preparedness Leadership Initiative at Harvard's Kennedy School of Government.

In addition to his duties at Boston EMS and the Boston Public Health Commission, Mr. Serino has worked beyond the confines of the City of Boston to develop and refine programs in all aspects of EMS, Emergency Preparedness, Public Health and Public Safety. He serves on multiple local, state and national Board's and committees and has worked extensively with a multifarious group of federal agencies. Since 1998, he has been a member of the National Faculty for the Domestic Preparedness Program for numerous senior executive and operational level training programs. As a consultant to the Pentagon and the Department of Defense, he served on the 9/11 after-action assessment team to revamp installation security and medical consequence management policies and procedures. For the last 3 years he has also been part of the Navy's Bureau of Medicine -Homeland Security DVATEX team assessing US Naval medical facilities internationally.

The recipient of numerous awards for meritorious service, community service, and heroism in the line of duty, Mr. Serino was recognized by the Boston Globe as one of nine international figures for advocacy for International Action for Children for his work on violence prevention.

Evan Silverstein

Evan Silverstein is the co-chair of the University of Pennsylvania's Medical Emergency Response Team initiative. He was certified as an EMT-B in Virginia in 2004 and received Pennsylvania reciprocity in 2005 to volunteer for the Volunteer Medical Service Corps of Lower Merion and Narberth (located in suburban Philadelphia). Evan is a senior at Penn and will receive a dual-degree in biology and biomedical science when he graduates in May and will be attending medical school in the fall. At Penn, he also plays club soccer, sings in an a cappella group, and is a brother of Beta Theta Pi. Evan won the Hollywood Squares College Tournament in 2003.

Christopher T. Stephens, MD

An alumnus of Loyola Marymount University and LMU EMS, Dr. Stephens is currently a chief anesthesia resident at the University of Texas Medical Branch in Galveston, Texas. He is also an active ground and flight paramedic. He teaches the Houston Fire Department paramedics airway management as well as other local college paramedic students. Dr. Stephens plans to start a trauma fellowship in July.

James Watkins, MD, MSc

Dr. James Watkins went to Dartmouth College, where he studied math, and got an M.Sc. in Medical Statistics, from Oxford, in the UK. He went to medical school at Columbia P&S in New York. While at P&S, he gravitated toward cardiac transplantation and ultimately spent two years in the transplant lab there studying cardiac xenografting. Dr. Watkins returned to the Boston area for residency training at the (former) Beth Israel hospital. At the conclusion of his residency training, Dr. Watkins went into the business world, joining McKinsey & Co. Most of his effort at McKinsey focused on pharmaceutical, biotech, and medical device merger and acquisition due diligence. He later joined a hedge fund in New York, where he was responsible for the pharmaceutical and biotechnology portfolio. About this time he became a father and wondered if he really wanted to spend the rest of his life chained to a stock monitor, and he called an old friend about returning to surgery. He ultimately did an additional year of training at the Guthrie Clinic in Pennsylvania, before moving to Baltimore to complete a fellowship in Trauma and Surgical Critical Care at the R. Adams Cowley Shock Trauma Center, taking additional training in burn care at New York Hospital. He says he loved the bustle of the busy center, and feeling the building shake as the helicopters took off and landed, but he was eager to return to Boston, and the Brigham, which he did this past October.

Michael S. Wiederhold, MPH, MS

Michael Wiederhold, NCEMSF Treasurer, is currently a fourth-year medical student at the University of Arkansas for Medical Sciences (UAMS). He received his master's of Public Health from Tulane University and his master's of Science in

Presenter Bios

Emergency Health from the University of Maryland, Baltimore County. He earned his undergraduate degree from Emory University, majoring in psychology. In 1998 he was elected Director-at-Large of NCEMSF. The next year he was elected Secretary of NCEMSF where he served until 2002. Since 2001 he has served as Treasurer of NCEMSF.

Michael has been involved in collegiate EMS since 1996. While at Emory, Michael volunteered as an EMT with the Emory First Responder Unit EMS. While at Emory he also served as Vice-President of CPR @ Emory, an organization designed to provide low-cost CPR training to the community.

He has worked as an EMT in the Emergency Department at Children's Healthcare of Atlanta. He has also worked at the Gwinnett County Department of Fire & Emergency Services as a Media and Education Specialist. He has also completed two tours of duty in the U.S. Public Health Service serving as an Injury Prevention Officer in the Indian Health Service and a Medical Readiness/Education Specialist in the Office of Emergency Preparedness. He is certified as a Nationally Registered EMT-Intermediate.

Abigail R. Williams, RN, JD, MPH

Abigail R. Williams, RN, JD, MPH is the principal of Abigail Williams & Associates, PC in Worcester, Massachusetts practicing in medically related issues including medical malpractice, EMTALA, EMS liability and negligence, nursing home and assisted living negligence and legal issues involving disaster planning and emergency management and response. Ms. Williams has been involved in healthcare since 1977. She earned her Baccalaureate degree in nursing in 1986, her law degree in 1991, a Master degree in law and public health in 1996 and is currently a candidate for Master in Science degree in emergency planning and preparedness. Ms. Williams' past clinical experience is in emergency

department nursing and quality management oversight and she is an active member of the Rhode Island Disaster Management Team (D-MAT) as its safety officer. Ms. Williams has authored and published numerous medical articles and books and serves on the editorial board for a major health magazine. She holds adjunct faculty positions at several colleges and universities in New England and remains actively involved in healthcare risk management, emergency planning and response policy making and issue resolution. Ms. Williams is a nationally recognized lecturer on issues of health law, EMS law, and disaster litigation and is an experienced trial lawyer.

Stephen P. Wood, MS, NREMT-P

Stephen has been a Nationally Registered paramedic for over 15 years, the past 8 years with Boston MedFlight as a flight paramedic servicing the Greater New England area. Stephen is also a criminalist with the NH State Police Forensics Laboratory in the Toxicology Unit. He has previously been a professor of toxicology and pharmacology, and is on the editorial board as the toxicology editor for CCMN and AMJ.

Continuing Medical Education (CME) Credit Information ***Get Continuing Education Credit for the lectures you attend!***

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

- As you enter a workshop session ensure that your conference ID badge is scanned.
- Conference staff will only scan IDs during the first ten minutes of a lecture.
- Fill out and turn in an evaluation form at the end of the conference.
- Following the conference, visit <http://www.ncemsf.org/about/conf2006/>
- Click on the CME tracking link and enter your email address and NCEMSF password.
- The NCEMSF server will generate and display a personalized Adobe Acrobat (PDF) file with the sessions you attended including lecture topic, speaker, and duration.
- Print out the PDF document.

To apply for CME credit through your state, you should submit the PDF document, along with your name, address, certification number, date of birth, etc. to your state's EMS regulatory agency.

Schedule Summary

Friday, February 24, 2006

6:00 pm–1:00 am	Medtronic EMS Skills Competition	201-204
8:00 pm–12:00 am	Welcome Social	Empress (14th Fl)

Saturday, February 25, 2006

7:30 am–8:30 am	Continental Breakfast	Prefunction
8:00 am–8:50 am	Richard W. Vomacka Student Speaker Competition	
	Beyond the Call	Crispus Attucks
	Battling Inexperience	William Dawes
	Creating Something from Nothing	Thomas Paine
	Regional Roundtables	Ballroom
9:00 am–9:55 am	Group Introductions/Meet & Greet	Ballroom
10:00 am–11:00 am	Workshop Session 1	
	Tactical EMS	Ballroom A
	Clinical Toxicology	Ballroom B
	Administrative Roundtables	Multiple Rooms
	Electronic Data Collection	Thomas Paine
11:10 am–12:10 pm	Workshop Session 2	
	The Basics of Bullets, Blasts, Burns and Ballistics	Ballroom A
	Managing the Difficult Airway	William Dawes
	"It will be Different When I am in Charge"	Thomas Paine
	EMS at the Intersection of Public Health and Safety	Ballroom B
12:10 pm–1:15 pm	Lunch	
1:15 pm–2:15 pm	Workshop Session 3	
	Trauma: The First Ten Minutes	Ballroom D
	2005 AHA Guidelines—The Science Behind the Changes	Ballroom B
	Large Event Pre-Planning	Ballroom A
	Do You Have Any Data?	William Dawes
	Life After Collegiate EMS	Thomas Paine
2:25 pm–3:25 pm	Workshop Session 4	
	Burn Care 101	Ballroom A
	"So What's Your Problem Again...?"	Ballroom B
	Medico-Legal Issues Facing the EMS Provider	William Dawes
	EMS and Medical Simulation	Thomas Paine
3:35 pm–4:35 pm	General Session 1: Who's Taking Care of You?	Ballroom
4:35 pm–4:45 pm	Snack Break	Prefunction
4:45 pm–5:45 pm	Zoll Medical General Session 2: Driving the Future of Healthcare	Ballroom
5:45 pm–6:30 pm	NCEMSF Business Meeting & Awards Presentations	Ballroom

Sunday, February 26, 2006

8:00 am–9:00 am	Continental Breakfast	Prefunction
8:30 am–9:30 am	Workshop Session 5	
	Responding to the Drug Overdose	Ballroom A
	Pushing the BLS Envelope	Ballroom B
	How Safe Are Your Ambulances?	William Dawes
	EMS at an MCI and the SMART Tagging System	Thomas Paine
9:40 am–10:40 am	Workshop Session 6	
	Urban Search and Rescue	Ballroom A
	Controversies in Pre-hospital Care	Ballroom B
	Quotable Quotes	William Dawes
	If You Can't Measure It, You Can't Manage It!	Thomas Paine
10:50 am–11:50 am	Workshop Session 7	
	Medical Case Studies	Ballroom A
	Communications	William Dawes
	Service Roundtables	Multiple Rooms
	Disaster Response: Tulane's Experience with Katrina	Ballroom B
	EMS on Bikes: Annual NCEMSF IPMBA Update	Thomas Paine
12:00 pm–12:45 pm	Conference Wrap-up	