

NCEMSF 2008

**The 15th Annual
Conference of the
National Collegiate
Emergency Medical
Services Foundation**



February 29-March 2, 2008

**Crowne Plaza Valley Forge
Philadelphia, Pennsylvania**

Hosted in conjunction with

University of Pennsylvania Medical Emergency Response Team,
Rowan University EMS, and Villanova EMS

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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 Crowne Plaza Valley Forge, and laws of the Commonwealth of Pennsylvania, 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 University of Pennsylvania Medical Emergency Response Team (MERT), Rowan University EMS, and Villanova EMS (VEMS). For fifteen 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
Vice-President	Scott C. Savett, PhD
Secretary	Joshua A. Marks, MD
Treasurer	Michael S. Wiederhold, MD, MPH
Director-at-Large	Mark E. Milliron, MS, MPA
Director-at-Large	Eric MaryEa, NREMT-P

Division Chairs / Coordinators

Membership	Karolina A. Schabases, MPH
Nat'l Coordinator	Michael T. Hilton
Startup	David I. Bacall
Alumni	John Wenzel, Meghan Moore
EMS Week	Timothy McMichael, NREMT-P
Hotel Liaison	Jennifer Shoemake

Regional Coordinators

Canada	Jeffrey Bilyk
Central	(available)
Massachusetts	(available)
Mid-Atlantic	David Weand
Midwest	Joseph Grover
New York	Eric Pohl
North Central	Michael O'Brien
Northeast	Yoni Litwok
N. New England	(available)
Pennsylvania	Andrew Mener
Southeast	Noah Prince
West	Jordan Ruiz

About the Conference Hosts

Welcome to Philadelphia, home of the 2008 NCEMSF Conference! The 2008 conference is brought to you by NCEMSF in coordination with the University of Pennsylvania Medical Emergency Response Team (MERT), Rowan University EMS, and Villanova University EMS (VEMS). NCEMSF and the membership of the collegiate EMS host organizations have been working hard to make this a successful conference. If you have any questions, or need any assistance, please ask a NCEMSF board member or conference host.

Enjoy your stay in Philadelphia!

University of Pennsylvania Medical Emergency Response Team



Since its inception in April 2006, MERT has operated as a quick response service at the BLS level. Members respond on specially equipped bicycles that provide transportation from their headquarters to the emergency scene. MERT provides patient care until care is transferred to Philadelphia Fire Department for transport by ambulance to the hospital. In addition to emergency medical services, MERT sponsors a semester-long EMT class on campus for students. Within the past year and a half, MERT membership has grown significantly from 16 to 47 actively participating members as a direct result of student interest in the EMT class. At the beginning of the program, MERT operated during weekend hours. More recently, MERT has been able to consistently maintain a schedule of 7:00pm to 7:00am every day during the academic year. MERT also staffs university-sponsored events. During its hours of operation, MERT has responded to over 320 medical and trauma emergencies.



Rowan University Emergency Medical Service

Rowan University EMS was founded in 1977 by a group of university students. Glassboro State Emergency Squad, as it was first known before the school changed its name in grateful appreciation of Henry Rowan's philanthropy, began with 25 members and worked closely with Glassboro Borough Ambulance, Glassboro State College Security, and the College Health Center. The first squad advisor was the college president; Dr. Mark Chamberlain. Today, the squad provides the campus with BLS services 24 hours a day, 7 days a week whenever school is in session and works closely with ALS providers in the area. The squad handles approximately 400 requests for service per year.



Villanova Emergency Medical Service

Founded in 1989, Villanova EMS is a 100% student-run, student staffed, volunteer ambulance service licensed and dedicated to providing Basic Life Support to Villanova University's campus community of approximately 10,000 students, faculty and staff. VEMS Membership consists of more than 50 undergraduate students, the majority of whom are certified as PA EMT-Bs. Members volunteer more than 25,000 hours annually to provide care 24/7/365. When not pulling duty, VEMS members participate in bi-weekly training meetings and further serve the community through holding monthly CPR and First Aid classes on campus. A charter member of NCEMSF, VEMS hosted both the 2nd and 12th Annual Conferences, and has been recognized numerous times for achievements. VEMS is excited to participate in the NCEMSF conference as it returns to Philadelphia.

Celebrating the NCEMSF Conference Tradition **NCEMSF Conference Hosts**

1994 - Georgetown University	2002 - SUNY Stony Brook
1995 - Villanova University	2003 - The George Washington University
1996 - Rensselaer Polytechnic Institute	2004 - Johns Hopkins University
1997 - Marshall University	2005 - Ursinus College & Villanova University
1998 - University of Hartford & Trinity College	2006 - BU, Brandeis, MIT & Tufts
1999 - Syracuse University	2007 - Johns Hopkins University & UMBC
2000 - University of Delaware	2008 - UPenn, Rowan Univ, & Villanova Univ.
2001 - Rochester Institute of Technology	2009 - RFP @ www.ncemsf.org/about/conf2009

Conference Schedule - Friday, February 29, 2008

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

Lobby

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

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

Devon

Pre-registered teams should check-in and pay at the skills competition table in the lobby to receive their team number and approximate start time. A skills competition tracker will run in the Welcome Social and team numbers will be called when the skills judges are ready for the next group. Ask at the skills competition table for more information or to find out if there is space for your school to still participate.

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

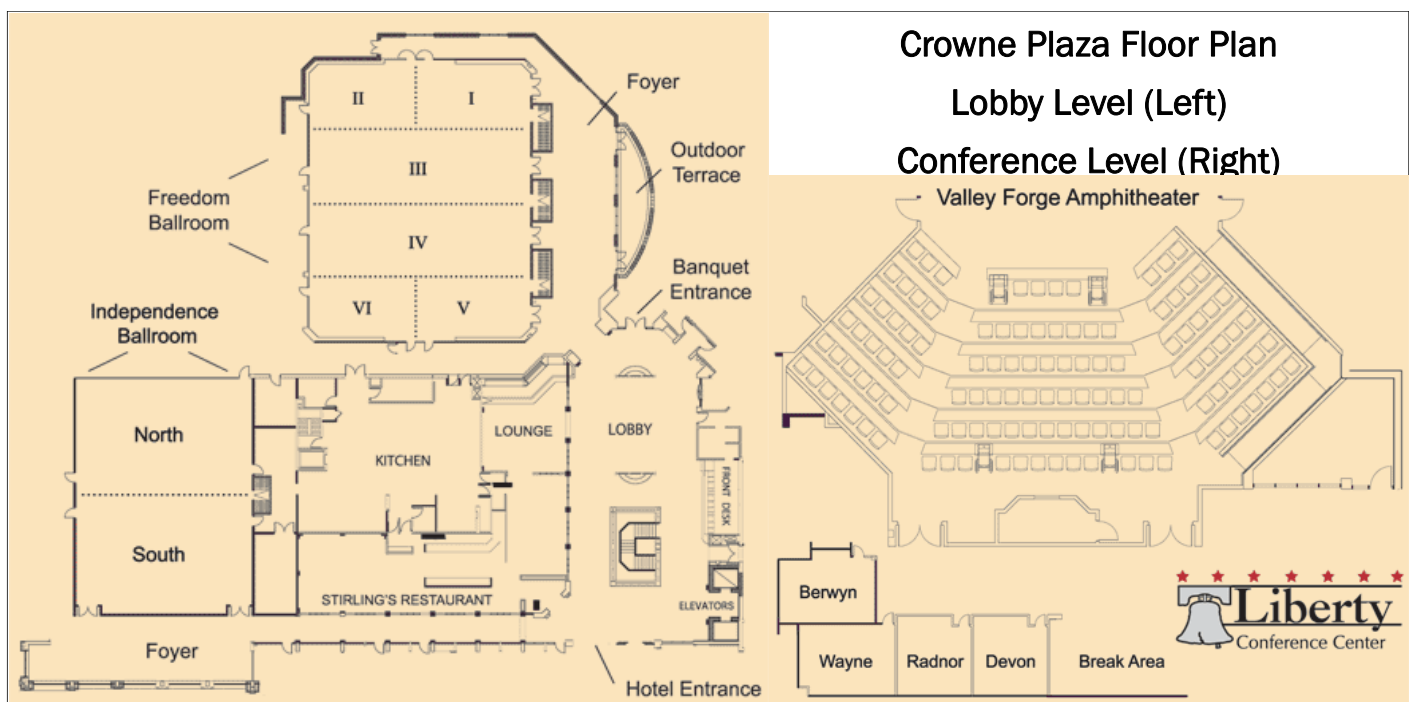
Freedom

Mingle with other collegiate EMS responders from across the country 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 Tex-Mex buffet and sing along or dance to the tunes of the live DJ. Exchange your squad's patches, pins and shirts with those you meet. Watch as photos from the past fifteen years flash on the screen. Show your squad's pride by making a banner to be presented by your squad at the *Meet and Greet* Saturday morning.

10:00 pm - 1:00 am *Movie Time*

Amphitheater

Tired after a long day of traveling? Relax and enjoy a selection of blockbuster EMS and fire service films on the big screen. Perhaps you will catch a glimpse of one of the submissions for NCEMSF Video of the Year as well. And of course, what's a movie without freshly popped popcorn?



Conference Schedule - Saturday, March 1, 2008

7:30 am - 10:00 am *Late Conference Check-in* Lobby

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

7:30 am - 4:45 pm *Tradeshow and Recruitment Fair* Foyers

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Sudden Cardiac Arrest Association

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<http://www.suddencardiacarrest.org/>

National EMS Museum Foundation

P.O. Box 3
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<http://www.nemsmf.org/>



Educational Sponsors

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Philadelphia College of Osteopathic Medicine

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Conference Schedule - Saturday, March 1, 2008

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

Strategic Planning for the Collegiate EMS Agency

Freedom I&II

Andrew Harris, Rochester Institute of Technology

One of the most frightening things an organization can do is plan for the long term-fear of uncertainty and the lack of motivation that often keeps good organizations from becoming great. A strategic plan is essential for a collegiate EMS agency to grow beyond the sustaining stage and into true expansion. This presentation will help clarify the most common practices of successful planners and examine the common pitfalls that many agencies encounter based on the presenter's experience in EMS, the military, athletics, and other civil service organizations. Planning tips and templates will help guide you through the various necessities, as well as ask you "Just where do you want your organization to go?"

"Stay and Play" or "Load and Go"

Freedom V&VI

Stephen Rosenberg, Brown University

The dichotomy between "Stay and Play" versus "Load and Go" has always been a controversial issue in EMS. With the risk of both penetrating and non-penetrating trauma on college campuses, it has become critical for Collegiate EMS agencies to understand the changes taking place in the field of trauma research. Recent research has shown that permissive hypotension may be beneficial to the trauma patient and that aggressive fluid resuscitation may be detrimental to patient outcomes. What's best for the trauma patient depends on the initial assessment of the patient, time on scene (with extrication if applicable), and the proximity to the nearest trauma center. In the end, more research needs to be done on this subject, and Collegiate EMTs are in a prime position to be a leader in EMS research by getting involved at their own university.

Integrating the Experienced EMT

North

Molly Stramberg, University of Massachusetts—Amherst

This exciting, interactive session will give college EMS providers the opportunity to discuss common challenges we all face when a new member joins our EMS system and how training techniques differ from a new EMT to an experienced EMT. What skill sets do they have? How do you determine their strengths and weaknesses? Where do you position this person to best benefit the team and meet the individuals personal goals? You are guaranteed to leave this session with new techniques and solutions you can immediately use when integrating new members into your EMS team!

Behavioral Emergencies

South

Robby Wu, The Pennsylvania State University

In a college setting, behavioral abnormalities are frequent (particularly during the weekends). However, not all deviant behavior is a result of alcoholic intake. As many campus providers may be aware, aside from alcoholic overdose, anxiety and mood disorders are some of the top reasons for college students requiring emergency care. This presentation will offer a psychological basis to the behavioral emergency, detailing five of the most common psychiatric disorders one may experience in a campus setting: anxiety disorders, mood disorders, substance related disorders, eating disorders and suicide. The rigors of academia become all too apparent during finals week - how would you care for a volatile sorority girl experiencing a panic attack before an exam?

Conference Schedule - Saturday, March 1, 2008

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

The NCEMSF National Coordinator invites squad captains and presidents 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 formally network 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.

Canada, Central, Midwest, North Central, Southeast, West—*Freedom III&IV*

Massachusetts & Northeast—*Radnor*

Mid-Atlantic—*Devon*

New York—*Wayne*

Pennsylvania & N. New England—*Berwyn*

9:00 am - 9:50 am *Group Introductions / Meet & Greet* *Freedom*

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).

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

★ Airway Theater

Freedom I&II

Richard Levitan, MD

The first priority in every emergency is the airway. Adequate ventilation and intubation are critical. This lecture will review the anatomy of the airway, discuss airway assessment, and recognition of the difficult airway. It will also cover an introduction to airway devices as well as rapid sequence intubation protocols.

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:

★ medical; ♦ trauma; # administrative; ◎ 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. However, lectures that will focus on traditional BLS interventions are denoted by a (B) alongside the track designation to help you choose the sessions most suitable to your EMS experience.

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. Most presentation slides will be made available online post-conference.

Conference Schedule - Saturday, March 1, 2008

◆ Trauma Crash Course: Learning From Famous Fatalities *Freedom III*

Cindy Blank-Reid, RN

This lecture will provide the healthcare provider with information on how the management of trauma has changed over time by utilizing famous case studies. The management of penetrating and blunt head, chest and abdominal trauma will be discussed. The discussion will be on the types of injuries sustained, the treatment and management philosophy at the time the injury occurred and the current accepted standard of care.

◆(B) Hemostatic Resuscitation:

Freedom IV

Lessons From the War in Iraq and Philadelphia

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

Uncontrolled hemorrhage is the leading cause of preventable combat-related deaths. Hemorrhage is also the second leading cause of death in civilian trauma. Early control of hemorrhage remains the most effective strategy for survival. Several hemostatic agents have been developed and used in combat to control hemorrhage. These hemostatic agents have gained FDA approval and are now available for civilian use. This lecture will summarize the characteristics, indications, and rationale for their use. It will also address other methods of hemorrhage control.

#(B) EMS Research

Freedom V&VI

Steven Kanarian, MPH

Research in EMS operations and patient care is growing and affecting the care we provide to patients. The EMS providers and medical directors of the future need to have an understanding of EMS research to excel. During this lecture key research in EMS will be reviewed to give the attendee an understanding of the basis of current practices in EMS. The attendee will come away from this lecture with perspective on EMS research and the tools to review a research article to apply research to their practice.

#(B) Planning a Campus Evacuation Exercise

North

John J. Burke

This workshop will assist participants in planning a campus evacuation exercise using Homeland Security Exercise Guidelines. The session will show how Municipal and University/School Officials can collaborate together to design and execute an exercise that is both beneficial to the institution and productive for the campus community. The use of the Incident Command System will be reinforced during the session. The session will focus on the Town of Sandwich School Evacuation Simulation that was conducted in June 2007 as guidance for those attending.

◎ Medical Management of Blast Injuries

South

C. Crawford Mechem, MD

This workshop will review briefly how bombs work and go over blast injury classification. The effects of blast injuries on individual organ systems will be addressed and the pre-hospital and initial emergency department care will be discussed.

Conference Schedule - Saturday, March 1, 2008

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

★ ABC's of ACS: Review of Acute Coronary Syndrome *Freedom I&II*

Claudine Hagan, RN, MPA

This lecture will define acute coronary syndrome, identify risk factors associated with atherosclerotic coronary artery disease, describe the pertinent pathophysiology of angina and myocardial infarction and describe the assessment findings as well as the management of angina and myocardial infarction, including pre-hospital care.

★(B) Are You an EMS Detective? *Freedom III*

Timothy J. Perkins

This presentation focuses on assisting the EMS provider (EMS detective) to raise awareness of their surroundings, and information presented to them - "clues" - to perform better patient assessments, and treatments. It will focus on the external environment, as well as objective and subjective information. There will also be some case presentations, to help the audience to understand the importance of presented concepts.

◆ Chest Trauma *Freedom IV*

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

Chest trauma is the cause of 1 in 4 American trauma deaths. Many of these patients die after reaching the hospital. Early recognition of their injuries and prompt treatment impact their survival. This lecture will use previous trauma cases to teach identification and treatment of traumatic chest injuries.

◆(B) Controversies in Spinal Immobilization *Freedom V&VI*

David Nitsch

In recent years spinal immobilization has become a source of controversy in the pre-hospital setting. This session will review spinal injuries, discuss recent studies relating to spinal immobilization, and introduce new thoughts on the care of spinal injuries.

#(B) The Voice of the Organization *North*

Diane M. Schweizer

An organizational perspective of the Public Information Officer (PIO) covering aspects such as selection of the appropriate individual, guidelines for success, and tips and lessons learned in fulfilling this role in an aggressive urban media market. This presentation will include an overview for the dissemination of a press release and preparation for the ultimate "show-n-tell," the press conference.

◎(B) The Technical Rescue Patient *South*

Scott A. Mickalonis and S. Michael Roberts

This will be a comprehensive review of a technical rescue that occurred in Limerick Township, PA on February 16, 2007. The team will review the initial response, incident command establishment, fire and rescue activities, EMS treatment, transportation and transfer of the trauma patients. A brief review of the scene management strategy will be discussed with both positive outcomes and negative experiences that were identified. Patient care will be followed from time of patient contact through the first few hours at the trauma center.

Conference Schedule - Saturday, March 1, 2008

#(B) Administrative Roundtables

Financing - *Andrew Mener, PA-RC*

Devon

Recruitment and Retention - *Jeffrey Bilyk, Canada-RC*

Radnor

Training - *Daniel Hootman, Emory EMS & Eric Pohl, NY-RC*

Wayne

For the second of the three roundtable discussions this weekend, NCEMS 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.

★Airway Skills Lab: Rescue Ventilation Devices

Berwyn

Richard Levitan, MD

Emergent airway management and unexpected difficult intubations can rapidly deteriorate into critical airway events. This workshop will provide hands on exposure to various airway management modalities that will assist with a difficult airway. Pre-registration required. Limited to the first 25 participants. Sign up at the registration table starting Saturday morning.

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

With just a little over an hour for lunch, we recommend trying one of the food courts in the King of Prussia Mall for a quick bite at a very reasonable price — see map on page 21 (exit the hotel, walk across Mall Blvd and cut through the mall parking lot. Enter the mall next to the Rite Aid Pharmacy [before JC Penney]. Once in the mall turn right and walk straight until you arrive at *The Garden* or ascend one level, turn left and walk straight until you arrive at *The Café* — the conference hotel to either food court is a five minute walk). Stirling's, the hotel restaurant, also offers a lunch buffet for those interested.

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

★(B) There's Nothing Basic About Me

Freedom III

Timothy J. Perkins

Are BLS providers overlooked on EMS scenes, in favor of ALS? This lecture discusses the relationships, real and perceived, in the world of EMS, as it pertains to BLS and ALS providers. It focuses on how vital BLS providers really are to the EMS system, and discusses ways that BLS providers can be of further assistance on scenes.

◆ The Acute Abdomen

Freedom IV

Benjamin M. Braslow, MD

Abdominal pain or discomfort is a common complaint encountered by EMS personnel. Rapid assessment of the patient and obtaining a relevant medical history are important elements in determining the severity of the patient's condition and the urgency of the transport. This lecture will review common causes of abdominal pain, describe the presenting signs and symptoms for certain conditions, and discuss the physical exam findings.

Conference Schedule - Saturday, March 1, 2008

#(B) Future EMS Communications Systems: Real Time Data and the Tricorder

Freedom V&VI

Kevin McGinnis

A typical EMS crew's medical capabilities have advanced remarkably in the past 35 years. Their ability to communicate has not. With today's communications and IT sophistication and tomorrow's public safety broadband networks, our ability to access and provide information about events, resources, and patient conditions in real-time has the potential to make a dramatic impact on time-dependent emergent conditions ("the golden whatever") and the management of EMS resources. This presentation will cover a brief history of EMS communications, current communications modalities and opportunities, future communications opportunities, a description of national players and resources, and a vision of how we will communicate in the future which will take us from 98% voice and 2% data to 60% voice and 40% data. And that is just the beginning!

◎(B) Let's Get Ready to Rumble...

North

Surviving the EMS Assault

Mark S. Cottom and Joyce Foresman-Capuzzi, RN

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

◎(B) EMS Bike Issues

South

John F. Washington

The presentation will discuss such topics as starting an EMS Bike Unit and what one can be utilized for, the costs associated with a bike unit, what equipment to look for such as bicycles, types of pannier bags, kick stands, lighting systems, etc, training for personnel in the use of the bicycle and developing Standard Operating Procedures. In addition to a power point presentation, actual pieces of different equipment will be on display.

◎(B) Life After Collegiate EMS:

Freedom I&II

Panel Discussion on How EMS has Influenced Career Decisions

Michael S. Wiederhold, MD, MPH and Karolina A. Schabses, MPH

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. Panelists include David Jaslow, MD, MPH, Scott A. Mickalonis, Diane M. Schweizer, and Kari Szentesy.

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

★ Pediatric Emergencies

Freedom III

Monica Artilles Liebman, RN

This presentation will provide an introduction to the general assessment of the pediatric patient, with a focus on the unique anatomic and physiologic differences that can make children particularly challenging in EMS.

Conference Schedule - Saturday, March 1, 2008

★ Hypoxia to Trauma:

Freedom IV

Central Nervous System Emergencies

David Nitsch

With the central nervous system being one of the most complex body systems it is vitally important for EMS providers to understand the complexities of treating patients with CNS emergencies. This lecture will review pathophysiology of CNS disorders as well as review treatment priorities and treatment modalities.

◆(B) Burns, What We See

Freedom V&VI

William B. Hughes, MD

This talk will review the different types and depths of burns. The lecture will cover the initial treatment of burns and help providers identify interesting and special types of burns. It will also help providers recognize the signs and symptoms of child abuse.

◎(B) Clinical Effects of Common Illegal Drugs and Restraining the Intoxicated Patient

North

Michael P. Glaubach, MEd

Recognizing and identifying drug overdoses on the college campus is often a difficult task. You will learn from a Drug Recognition Expert how to determine in the field if a person is under the influence of drugs. The seminar will provide you with an algorithm to determine the type of substances that were used. This lecture will also review techniques for safely restraining the intoxicated patient.

◎(B) Sense and Sensitivity:

South

Applying the CARES '08 Model to Sexual Assault Calls

Eric M. Garrison, MAEd, MSc, DLSHTM

With college sexual assault calls on the rise, wouldn't you like to know more about how to handle those delicate situations with more compassion and professionalism? Clinical Sexologist, sex counselor, college speaker, medical school lecturer, and former Alpha Chapter and national advisor to Men Against Violence, Eric Garrison will help you become aware of your own comfort (or discomfort) levels and build on your current knowledge and training, so that you and your crew are prepared for that next sexual call. At the end of his presentation, every participant will be able to list each of the five aspects of the CARES '08 model and state how each item applies to sexual assault calls as well as to additional EMS and university settings. There will be time for Q&A at the end of his session, and Eric will have handouts at the all participants as they leave. If you miss this session, fail to get a copy of his notes, have questions, or desire for him to speak at your university, please email Eric at eric@ericgarrison.info.

#(B) University Administrators Panel Discussion

Freedom I&II

Mark E. Milliron, MS, MPA and David I. Bacall

Do you feel that you are not able to communicate with your campus administrators? Or perhaps you don't understand why they do not get your message. This panel will discuss strategies to assist you in talking with your administrators. You will be able to gain insight into how to address their concerns so that you will be prepared.

Panelist include: Eugene Janda, University of Pennsylvania, and Veron Howery, Rowan University.

Conference Schedule - Saturday, March 1, 2008

◎(B) Bicycle Skills Lab: Basic EMS Bicycle Maintenance *Berwyn John F. Washington*

Performing the basics of bicycle maintenance - the A-B-C's: Air, Brakes and Cables will introduce this module. The presentation will then discuss how to change a flat, adjusting brake pads for maximum efficiency, adjusting brake and derailuer cables, how to replace brake pads and cables and bottom bracket cartridges. This will be a hands-on demonstration with handouts being provided on what tools and equipment are needed for a bike fleet and a guide as to when certain repairs and replacement should be conducted. Pre-registration required. Limited to the first 25 participants. Sign up at the registration table starting Saturday morning.

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

Air Medical Services and Collegiate EMS

Jeffrey Lubin, MD, MPH

It can really happen ... a student is hanging her clothes out of her dorm room window to dry. She falls out the window 3 stories onto an asphalt driveway. The collegiate EMS service responds, ALS is dispatched simultaneously. The collegiate EMS service arrives and assesses the patient, and requests for a helicopter to be dispatched. This lecture will review the criteria for aeromedical evacuation, discuss the advantages and limitations of helicopter transport, and highlight the importance of the "team approach" in caring for patients.

4:35 pm - 4:45 pm *Break - Happy Anniversary NCEMSF!* *Foyer* *Celebrate our 15th Anniversary and join us for cake.*

4:45 pm - 5:45 pm *General Session 2 - NAEMT Key Note Lecture* *Freedom*

WMD Competencies: Can Anyone Tell Me What to Do?

David Jaslow, MD, MPH, FAAEM

The first 10 steps after dispatch to the scene of a disaster are essential to defining the entire incident. This lecture will review the basics of disaster response and pre-planning. It will also provide a framework for the initial response to help you create organization from the ensuing chaos.

5:45 pm - 6:45 pm *Leadership Presentation & Business Meeting* *Freedom*

Learn how NCEMSF can better serve you through all of its programs and member benefits. Includes reports from the NCEMSF Executive Officers and Committee Chair-people.

Awards Presentations

NCEMSF recognizes outstanding efforts made by individuals and organizations through its awards program:

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

Those squads celebrating milestone anniversaries will be acknowledged and the winners of the Medtronic EMS Skills Competition announced.

Conference Schedule - Saturday, March 1, 2008

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

Campus EMS Alumni are invited to join the NCEMSF leadership in the Break Area on the Conference Level of the hotel 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.

7:00 pm - 2:00 am *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. Most are used to accommodating large groups, although you may want to call in advance for reservations. The mall is also open until 9:30 pm and many of the mall eateries remain open even after the mall has closed. See a complete listing of local restaurants and other nighttime suggestions elsewhere in this program. To facilitate your travels around the immediate conference area, NCEMSF will be running a shuttle from 7:30 pm until 1:30 am. More information on the NCEMSF shuttle is on page 24.

10:00 pm - 1:30 am *Club NCEMSF* *Freedom*

After dinner on the town, stay out and enjoy the local scene, or return and join the party at Club NCEMSF. No need to congregate in the halls or cram large groups into a small hotel room. Join the rest of your fellow collegiate EMS providers and dance and sing the night away. Our live DJ will help get this party started and keep it going well into the night. Light refreshments and a midnight snack will be served.

10:00 pm - 1:30 am *Movie Time - Part II* *Amphitheater*

For those interested in a more relaxed evening, the amphitheater will again be converted into a movie theater for your viewing enjoyment, complete with freshly popped popcorn. Sit back and enjoy the movie on the big screen. If you like the idea of a movie, but would rather catch a new release, the King of Prussia Stadium IMAX is just up the road on Goddard Blvd.

Get some rest!



We'll see you in the morning.

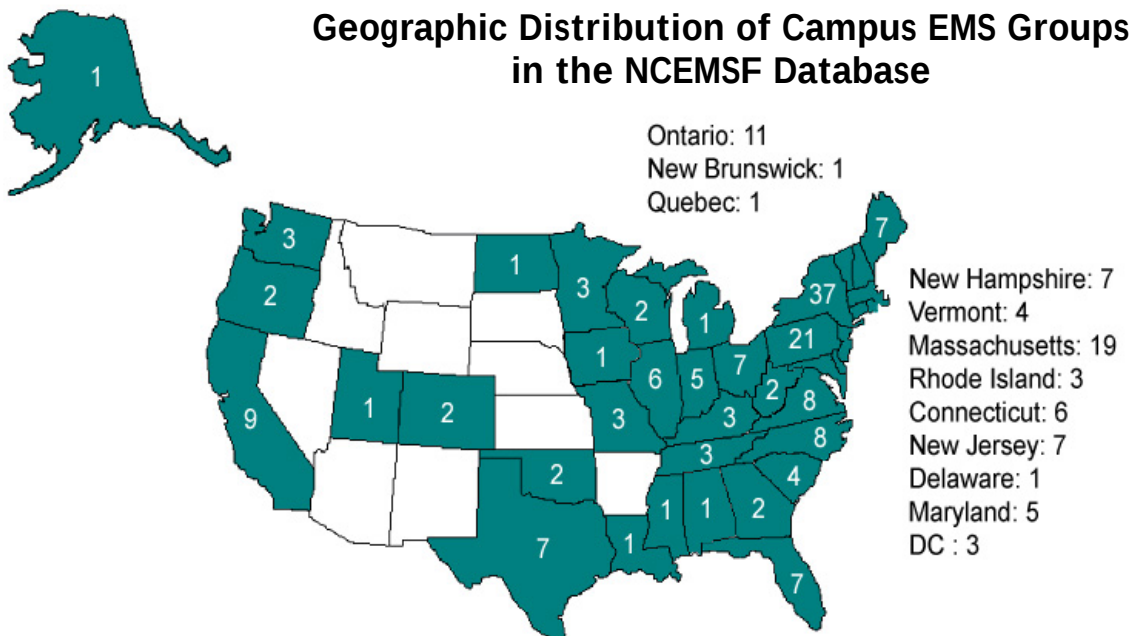
Schools in Attendance

*At the time of publication, the following 80 schools had registered delegations:
(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>
Bard College	5	NY	New York	BLS	QRS
Binghamton University	7	NY	New York	ALS	Ambulance Transport
Brandeis University	18	MA	Massachusetts	BLS	Non-emergent Transport
Brown University	5	RI	Northeast	ALS	Ambulance Transport
Bucknell University	8	PA	Pennsylvania	BLS	QRS
Carleton University	5	ON	Canada	FR	Event Standby Only
Carnegie Mellon University	1	PA	Pennsylvania	BLS	QRS
Case Western Reserve University	12	OH	Midwest	BLS	Non-emergent Transport
Clark University	9	MA	Massachusetts	FR	QRS
College of Charleston	8	SC	Southeast	FR	QRS
Columbia University	11	NY	New York	BLS	Ambulance Transport
Connecticut College	2	CT	Northeast	BLS	QRS
Cornell University	10	NY	New York	BLS	Non-emergent Transport
Daniel Webster College	5	NH	Northern New England	ILS	Non-emergent Transport
Embry-Riddle Aeronautical University	7	FL	Southeast	BLS	QRS
Emory University	11	GA	Southeast	ILS	QRS
Fairfield University	8	CT	Northeast	Startup	Non-emergent Transport
Fordham University	4	NY	New York	BLS	Ambulance Transport
Franklin Pierce University	3	NH	Northern New England	BLS	QRS
Georgetown University	14	DC	Mid Atlantic	BLS	Ambulance Transport
Hampshire College	8	MA	Massachusetts	BLS	Non-emergent Transport
Hobart and William Smith Colleges	4	NY	New York	Startup	
Indiana University - Bloomington	1	IN	Midwest	BLS	Event Standby Only
John Carroll University	8	OH	Midwest	BLS	QRS
Johns Hopkins University	2	MD	Mid Atlantic	BLS	QRS
Juniata College	4	PA	Pennsylvania	BLS	QRS
Lehigh University	6	PA	Pennsylvania	BLS	QRS
Loyola Marymount University	15	CA	West	BLS	QRS
Lynchburg College	3	VA	Mid Atlantic	BLS	QRS
Massachusetts Institute of Technology	14	MA	Massachusetts	BLS	Ambulance Transport
McMaster University	2	ON	Canada	BLS	QRS
Mount Holyoke College	3	MA	Massachusetts	BLS	QRS
Muhlenberg College	8	PA	Pennsylvania	BLS	Non-emergent Transport
Norwich University	17	VT	Northern New England	BLS	Non-emergent Transport
Pennsylvania State University	29	PA	Pennsylvania	BLS/ALS	Ambulance Transport
Ramapo College of New Jersey	10	NJ	Northeast	BLS	Ambulance Transport
Rensselaer Polytechnic Institute	2	NY	New York	BLS	Ambulance Transport
Rochester Institute of Technology	18	NY	New York	BLS	Ambulance Transport
Rowan University	17	NJ	Northeast	BLS	Ambulance Transport
Ryerson University	6	ON	Canada	FR	Event Standby Only
Saint Anselm College	6	NH	Northern New England	BLS	QRS
Saint Michael's College	8	VT	Northern New England	ILS	Ambulance Transport
Santa Clara University	8	CA	West	BLS	QRS
Springfield College	20	MA	Massachusetts	BLS	QRS
SUNY Albany	12	NY	New York	BLS	Ambulance Transport
SUNY College at Cortland	8	NY	New York	BLS	QRS
SUNY Geneseo	6	NY	New York	BLS	QRS
SUNY Oneonta	14	NY	New York	BLS	QRS
SUNY Oswego	8	NY	New York	BLS	Ambulance Transport
SUNY Potsdam	4	NY	New York	BLS	QRS

Schools in Attendance (Continued)

<u>School Name</u>	<u>Delegates</u>	<u>State</u>	<u>NCEMSF Region</u>	<u>Type</u>	<u>Sub-Type</u>
Syracuse University	9	NY	New York	BLS	Ambulance Transport
Texas A&M University	16	TX	Central	ALS	Ambulance Transport
The College of New Jersey	10	NJ	Northeast	BLS	QRS
The George Washington University	28	DC	Mid Atlantic	BLS	Non-emergent Transport
Trinity College	6	CT	Northeast	BLS	QRS
Tufts University	5	MA	Massachusetts	BLS	Non-emergent Transport
Tulane University	9	LA	Central	BLS	Ambulance Transport
United States Merchant Marine Academy	3	NY	New York	BLS	Ambulance Transport
University of Dayton	9	OH	Midwest	BLS	Ambulance Transport
University of Delaware	36	DE	Mid Atlantic	BLS	Ambulance Transport
University of Guelph	4	ON	Canada	BLS	QRS
University of Illinois at Urbana-Champaign	1	IL	North Central	BLS	Event Standby Only
University of Massachusetts Amherst	6	MA	Massachusetts	BLS	Event Standby Only
University of Massachusetts Lowell	4	MA	Massachusetts	BLS	QRS
University of New England	13	ME	Northern New England	BLS	QRS
University of Pennsylvania	19	PA	Pennsylvania	BLS	QRS
University of Pittsburgh	10	PA	Pennsylvania	Startup	
University of Rochester	12	NY	New York	BLS	QRS
University of Tampa	12	FL	Southeast	FR	QRS
University of Vermont	10	VT	Northern New England	ALS	Ambulance Transport
University of Windsor	9	ON	Canada	BLS	QRS
Ursinus College	10	PA	Pennsylvania	BLS	QRS
Vermont Technical College	6	VT	Northern New England	BLS	QRS
Villanova University	2	PA	Pennsylvania	BLS	Ambulance Transport
Virginia Polytechnic Institute and State University	14	VA	Mid Atlantic	BLS/ALS	Ambulance Transport
Wake Forest University	9	NC	Southeast	BLS	QRS
Washington University - St. Louis	4	MO	Central	BLS	QRS
West Chester University of PA	7	PA	Pennsylvania	BLS	Non-emergent Transport
Worcester Polytechnic Institute	11	MA	Massachusetts	FR	QRS
Yale University	7	CT	Northeast	BLS	Event Standby Only



Conference Schedule - Sunday, March 2, 2008

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

8:00 am - 4:00 pm *Basic Disaster Life Support (BDLS)* *Berwyn*

David Jaslow, MD, MPH, FAAEM

NCEMSF is excited to be able to offer the BDLS course as an extension of the 2008 Conference. The additional cost per course participant is \$50 and includes books, hands-on workshop materials and lunch. Space is limited and preference will be given to those that pre-registered online prior to the conference. Sign up and pay at the registration table starting Saturday morning.

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

★ CPAP

Freedom IV

Dan White

We learn how to breathe for our patients when they can't breathe on their own. Why not help them breathe better before they stop? This lecture will discuss the use of CPAP (continuous positive airway pressure) and review the management of respiratory emergencies with CPAP. It will also cover early recognition of CHF and the cardiac physiology and pathophysiology of CHF.

★ The New Hemophiliacs

Freedom III

Benjamin R. Usatch, MD

Today, physicians recommend that most people take aspirin as a preventive measure. In addition to aspirin, there are an increasing number of people who are also taking Plavix and other platelet inhibitors. The result is thousands of patients that can't stop bleeding. These patients have become the "new" hemophiliacs and represent a challenge to pre-hospital and hospital providers. This presentation will discuss the scope of the problem, review the pathophysiology, and highlight the management of patients with clotting disorders.

◆(B) Caring for Intramural Athletic Injuries

Freedom V&VI

Megan Kratz

On most college and university campuses, athletic trainers provide care for participants of varsity sports. Club and intramural sport teams often look towards campus based EMS to fill this need. This lecture will provide an overview of the types of sports injuries that you may encounter and review the assessment and treatment of these injuries.

#(B) Member Selection: Making the Most of Interviews and Selections Processes Using Combined Techniques

South

Aaron Miller

Membership selection is often dismissed as a non-important event in our EMS communities. More often than not, people run the opposite way when asked to serve on a selections committee for new members. With the high rates of turnover in collegiate EMS it is important to select dedicated and hardworking members. Behavioral interviewing techniques are discussed, as well as ways to structure interviews to get the most out of your time. It may not sound like the most exciting topic, but it could just save your organization a lot of headaches!

Conference Schedule - Sunday, March 2, 2008

◎(B) EMS Response to Small Aircraft Incidents

North

Andres J. Bermudez

The odds of a small aircraft crashing on your campus may be low, but a single-engine Cessna needs less than 500 feet of open space to land if the winds are right, and most college campuses have open spaces, such as athletic fields, that are perfect to land a plane in the event of an emergency. Once on the ground, a plane crash is similar to a moderate-speed MVA with decent chances of survival, except there are serious hazards and other special circumstances that need to be considered. For example, the propeller may still be moving, plane windows are not made of glass making removal different, and the seat configuration often requires more specialized methods of extrication. This session will cover this unique, rare, but plausible situation.

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

★ Medical Case Studies

Freedom IV

Steve Costalas, DO

While much of the EMT curriculum concentrates on trauma, medical emergencies are more prevalent in the college campus environment. This seminar will highlight the evaluation, treatment and pathophysiology of such things as syncopal episodes, abdominal pains, asthma attacks, and diabetic emergencies.

◆(B) Virginia Tech Rescue Squad

Freedom III

Matt Johnson & Will Booker

On April 16 2007, the silence of the campus of Virginia Tech was broken by gunfire. This lecture will summarize the VTRS' response to this incident and the lessons that they learned from their experience. VTRS' preplan and their implementation will also be reviewed.

#(B) Can College Campuses Act as Springboards for the Advancement of Chain of Survival Priorities?

Freedom V&VI

David B. Hiltz

Because a majority of cardiac arrests occur outside the hospital it is clear that the community must be recognized as the "ultimate coronary care unit". Public education and training in cardiopulmonary resuscitation and emergency cardiovascular care are critical aspects of any effort to reduce death and disability from out-of-hospital cardiac arrest. The optimal strategy in the community is to have persons trained in lifesaving techniques, particularly CPR and early defibrillation. This lecture will review current evidence based guidelines and recommendations; describe how a population and criteria based incentive program has been used to advance chain of survival priorities on college campuses; discuss the role of college based EMS agencies in advancing lifesaving priorities; and explore the possibilities of widespread CPR education on college campuses using CPR Anytime.

#(B) Revenue Streams: Finding Money for College EMS

North

Graig "Giddy" Strauss

Focusing on the business aspect of running a collegiate ambulance corps, this program will review the common sources of funding for many college ambulance corps throughout the nation as well as the overall hierarchy they fall into in the administrative setting on campus. It will also focus on common ideas for generating revenue for the college ambulance corps. Such ideas for generating revenue will include: Athletic Standbys, Community Education, Local/State/Federal Grants, and Insurance Soft Billing amongst others.

Conference Schedule - Sunday, March 2, 2008

◎(B) Recognizing & Planning for a Biological Incident *South*

Mark Milliron, MS, MPA

Is your campus prepared for a biological incident? Do you have systems in place to be able to detect a biological incident? While prevention works for most aspects of EMS, there is no effective way to prevent a biological incident. Instead we must rely on early detection and a coordinated response to address these incidents. This lecture will highlight the early clues that may help to identify such an incident and the necessary preplans for a response.

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

★ EKG Essentials *Freedom IV*

Regina Arnold, MS

This session will cover the basics of EKG and 12-lead interpretation as well as its relation to cardiac anatomy and physiology. The importance of early 12-lead intervention in the pre-hospital setting with respect to current research trends of STEMI and catheterization lab times will also be discussed.

★ Causes of Sudden Cardiac Death in College Athletes *Freedom III*

Martin O'Riordan, MD

This session will help participants differentiate the causes of sudden death in young vs. older patients. The presentation will articulate the pathophysiology of athletic heart syndrome vs. cardiomyopathy and educate the audience regarding proper pre-participation screening methods.

#(B) EMS 12 Step Program:

North

Rehabilitation for Your Agency

Frank Caria, MPA

Ever wonder what it takes for an organization to be "the best"? As emergency medical care professionals and managers, our goal is to provide the best patient care via a well maintained program. Current leaders, administrators, and future officers, this no-nonsense interactive session will show you what steps it takes to make your agency a success. Whether you wish to expand, develop, or revitalize your organization, these tips will be beneficial to all who want to provide the best for those they are in charge of protecting.

#(B) Interfacing with Outside Agencies *South*

John Barrett

What happens when your resources as a collegiate squad are exceeded? Do you routinely interface with ALS providers? What if you have more than one patient? This lecture will discuss the importance of your interaction with outside agencies that you call for assistance. It will highlight the significance of understanding your local resources so that you know what is available to you before an incident occurs. It will also review how to relay concise factual information about the patient/incident to outside agencies.

★ Medtronic EMS Skills Competition Review *Freedom V&VI*

Michael T. Hilton & Joshua A. Marks, MD

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

Conference Schedule - Sunday, March 2, 2008

#(B) Service Roundtables

Startup - *David Bacall, Startup Coordinator*

Devon

QRS/Non-emergent Transport - *Jeffrey Bilyk & Yoni Litwok*

Radnor

Ambulance Transport - *Mark Milliron & David Weand*

Wayne

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.

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

Freedom III

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*.

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 2009 conference are available through April 1 at www.ncemsf.org/about/conf2009.

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

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

- As you enter a workshop session, swipe your conference ID badge equipped with RFID tag across the RFID reader located by the doorway. The reader light will turn green indicating that your ID has been read and captured.
- You must swipe within the first 10 minutes of a lecture to receive credit.
- Do not swipe out of the lecture.
- Fill out and turn in the evaluation form located in your conference folder at the end of the conference.
- Following the conference, visit <http://www.ncemsf.org/about/conf2008/>. An email will be sent once this utility is available. Please allow up to four weeks post-conference.
- 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, sign, and submit it along with any other necessary identifiers (address, certification number, date of birth, etc.) to your state's EMS regulatory agency. NCEMSF will apply for credit by endorsement in select states to aid in the process.

The King of Prussia Mall

The East Coast's Premier Shopping Destination. The King of Prussia Mall offers the most discriminating shopper an endless selection of luxury department stores, exclusive shops and sophisticated dining experiences—over 400 stores and restaurants in all. King of Prussia is home to 40 exclusive dining options as well as three food cafés.

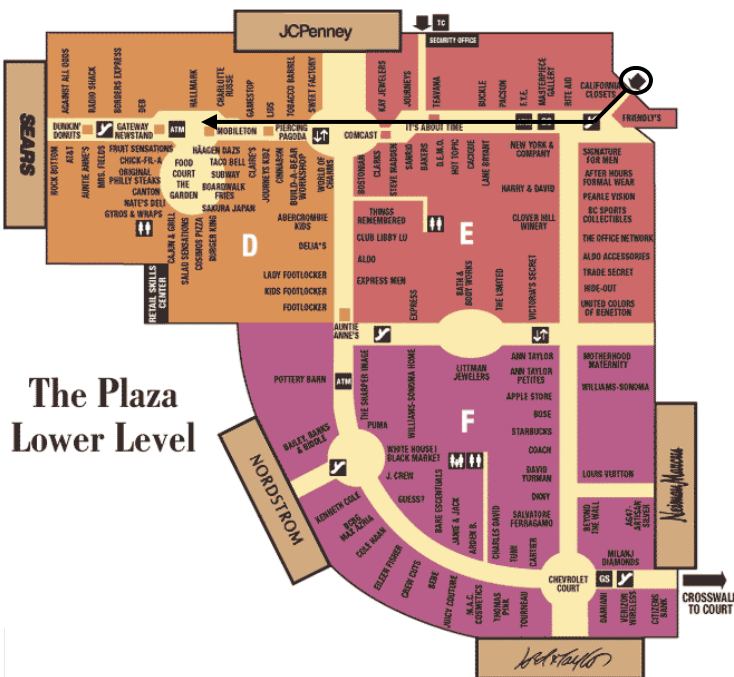
With the best of New York, Milan, and Paris in one destination, King of Prussia is the largest enclosed retail shopping mall in the United States. King of Prussia includes a “who’s who” of retailing with eight world-class department stores. King of Prussia has it all, including Tax-Free clothing and shoes!

Detailed maps, with complete listings of all retail stores and eateries, are available at each mall entrance. From the conference hotel walk across Mall Blvd and cut through the mall parking lot. Enter the mall next to the Rite Aid Pharmacy [before JC Penney].

Mall Hours:

Monday-Saturday, 10AM-9:30PM

Sunday, 11AM-7PM



Dining - Lunch and Dinner Options

Food Courts

The Garden - Lower Level - Plaza D

Boardwalk Fries
Burger King
Cajun & Grill
Canton
Chick-fil-A
Cosimos Pizza
Gyros & Wraps
Nate's Deli
Original Philly Steaks
Sakura Japan
Salad Sensations
Subway
Taco Bell

The Café - Upper Level - Plaza B/C

Bistro Sensations
Fruit Sensations
Gelato Aromi
Master Wok
Starburst Café
Tokyo Bay
Tuscany Pizza Market

Piazza di Giorgio Café - Court J

Bistro Sensations
China One
Fruit Sensations

Gourmet Grill

Tokyo Bay
Tuscany Pizza Market

American

Bennigan's—Perimeter
California Café—Plaza C
California Pizza Kitchen—Court G
The Cheesecake Factory—Court L
Corner Bakery Café—Perimeter
Friendly's—Plaza E
Hooters—North Gulph Road
Melting Pot—Allendale Road
Ruby's Diner—Plaza A
T.G.I. Friday's—Plaza A

Asian

Blue Pacific Chinese Bistro—Plaza A

Caribbean

Bahama Breeze—Goddard Blvd

Italian

Bertolini's Authentic Trattoria—Plaza C
Italian Delight—Plaza A
Maggiano's Little Italy—Perimeter

Pubs

Champps—Goddard Blvd
Fox and Hound—Perimeter
Kildare's Irish Pub—North Gulph Rd
Rock Bottom Brewery—Plaza D

Seafood

Legal Sea Foods—Court H

Snack Food

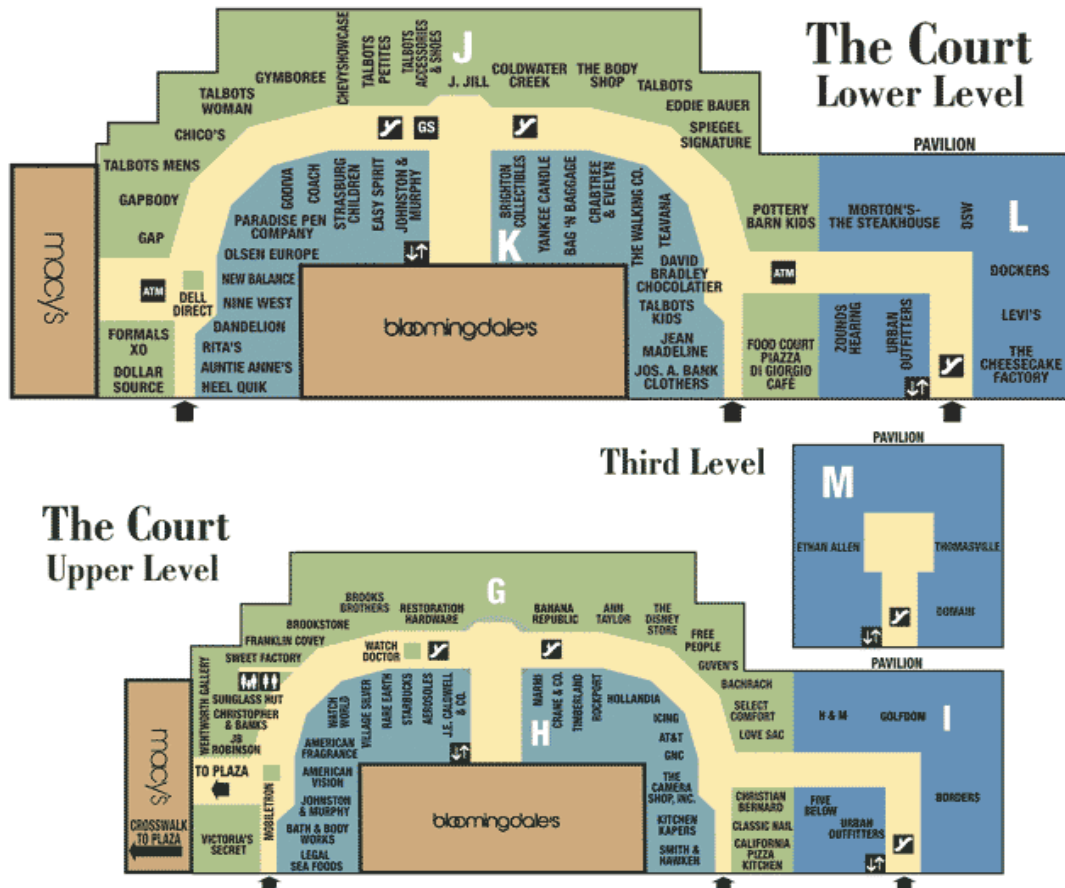
Auntie Anne's Pretzels
Cinnabon
Cold Stone Creamery
Häagen-Dazs
Rita's
Starbucks
Sweet Factory
TCBY Treats
Teavana

Steakhouses

Lone Star Steak House—Dekalb Pike
Morton's - The Steakhouse—Court L
Ruth's Chris—North Gulph Road
Sullivan's Steakhouse—Perimeter

Tex-Mex

Chili's—Dekalb Pike



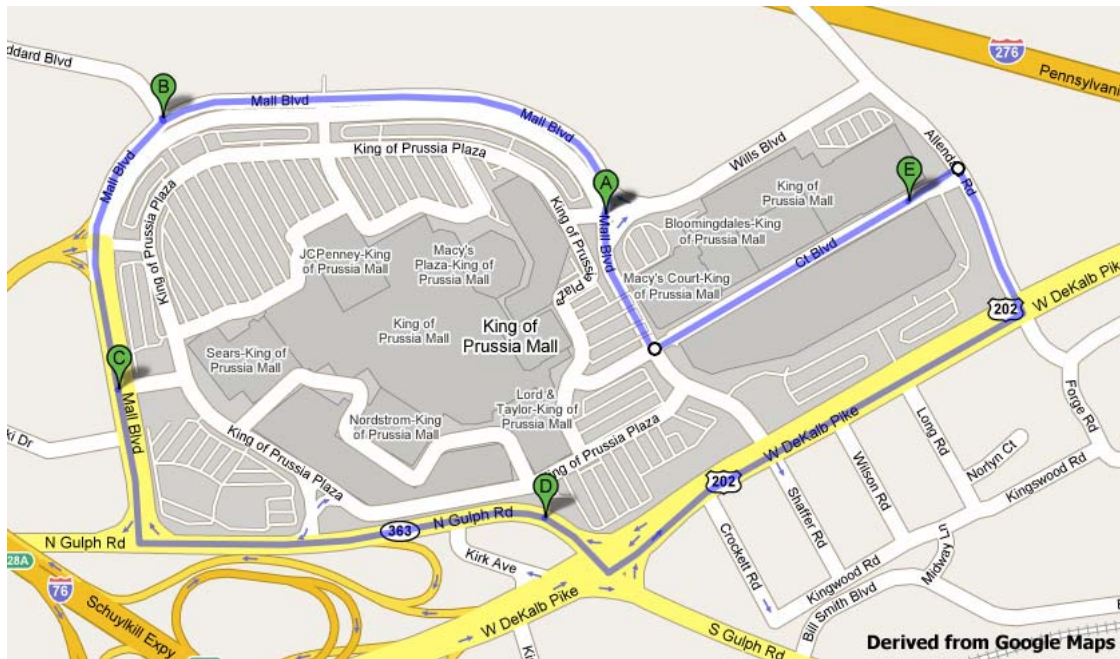
Saturday Evening

NCMSF Big Yellow School Buses - To facilitate your travels Saturday evening around the conference facility, NCMSF has chartered big yellow school buses that will be operating in a continuous loop from the hotel around the Mall Blvd loop between the hours of **7:30PM and 1:30AM** - there should be a bus at each stop every 10 to 15 minutes. Look for an NCMSF sign in the front window of the buses and hop aboard. All buses make all stops. Your conference ID is needed to board these buses, please have it with you.



Pick-up/Drop-off Points for Big Yellow School Buses:

1. Crowne Plaza (Mall and Wills Blvds)
2. United Artist Stadium 16, Champps, Bahama Breeze (Goddard Blvd)
3. Maggiano's/Fox & Hound (Mall Blvd and N. Gulph Rd)
4. Kildare's Irish Pub (N Gulph Rd and Deklab Pike)
5. The Court—Cheesecake Factory/California Pizza Kitchen (Court Blvd)



Entertainment Options on the Bus Loop

United Artist—IMAX Stadium 16 Movie theater

Fox & Hound—Billiards, TV, Bar food

Kildare's Irish Pub—Live Bands & DJ Dance Party 9PM-2AM (21 and over)

Other Local Options

If you have a car and don't want to stay in the King of Prussia Mall area on Saturday night, here are some other suggested entertainment options in the area:

Devon Bowling Lanes

(15 minute drive from the Crowne Plaza)

300 Lancaster Avenue

Devon, PA 19333

610-688-1920

<http://www.devonlanes.com/>

Ice Night Club (21 and over) 9pm—2am

(10 minute drive from the Crowne Plaza)

Radisson Valley Forge

1160 First Avenue

King of Prussia, PA 19406

610-878-8483

<http://www.iceniteclub.com/>

Presenter Bios

Regina Arnold, MS

Regina Arnold is a Penn State and NCEMSF alumnus with a Masters degree in EMS. She is active in operations, education, and research in the Lehigh Valley, and does consulting work for hospitals, industry, and schools for a private firm.

David I. Bacall

David 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. In addition to his BA in Public Communication from Ramapo, he has also received a certificate in Critical Incident Stress Management from the Yale University School of Medicine as well as a Certificate in Retirement Planning from the Wharton School of Business at the University of Pennsylvania. David is still active in EMS in his local community, as an educator and a provider. He is currently employed as a vice president of AXA Advisors, LLC: Northern Division, where his responsibilities include recruiting, training, and supervising a team of financial professionals.

John Barrett

John Barrett is the Director of Operations for the NuCare Carolina Ambulance Service - Iredell / Rowan Divisions. He has been active in the EMS community for the past 25 years and has a special interest in school system disaster pre-planning. He has served on the National School Nurses Association task force on disaster pre-planning and has written and presented nationally on the topic of emergency preparedness.

Andres J. Bermudez

Andres Bermudez is a Ground Team Member of the United States Civil Air Patrol. He is currently pursuing a JD at Pace University School of Law in White Plains, NY. He is a former member and Operations Manager of Carnegie Mellon EMS.

Cindy Blank-Reid, RN

Cindy Blank-Reid has been a nurse for 25 years. She earned her bachelor's degree from Villanova University and her Master's Degree in Burn, Emergency and Trauma Nursing from Widener University. She has worked on the surgical floor, the NICU, the ED, and as a trauma coordinator for 13 years at a Level I trauma center. For the past three years, Cindy has been the Trauma Clinical Nurse Specialist at Temple University Hospital, an adult and pediatric Level I trauma and burn center in North Philadelphia. She has lectured nationally and internationally and published extensively on a wide variety of nursing topics. Cindy is involved in many nursing organizations including the Critical Care nurses, the Emergency Nurses Association, the Society of Trauma Nurses and the Neuro Nurses. She is a past national president for the American Association of Neuroscience Nurses. Cindy was also recently awarded the Villanova University College of Nursing's Alumni Medal for Clinical Excellence.

Benjamin M. Braslow, MD

Dr. Braslow is an attending surgeon in the Division of Traumatology and Surgical Critical Care at the Hospital of the University of Pennsylvania. He is board certified in general surgery and in surgical critical care and has a special interest in emergency general surgery as well as in laparoscopic hernia surgery. Areas of interest in clinical research include recurrent systemic inflammatory response syndrome in trauma patients, damage control surgery, and non-invasive cardiac output monitoring. Other academic interests include medical student, resident and fellow education.

John J. Burke

John Burke is a 15-year employee of the Sandwich (MA) Fire Rescue Department. He has served in the Communications and Suppression Divisions and currently heads the Division of Fire Prevention. He planned the local School District's evacuation plan and simulation drill completed June 2007. He has also written the Town's Pandemic Preparedness Plan and wrote a Pandemic Exercise Simulation for the Town. He holds an Associate's Degrees in Emergency Medical Services and Fire Science and is nationally certified in Firefighter I/II, Fire Inspector I/II, Fire Officer I, Incident Safety Officer and Hazardous Materials Operations.

Frank Caria, MPA

Frank has been active in EMS for 12 years as both an ALS & BLS Provider and served more than 5 years as Rescue Officer for the Dix Hills Fire Department, N.Y. While under his command in 2005, the organization received the N.Y. State EMS Agency of the Year Award. He currently serves as their continuing medical education coordinator. He earned his masters in public administration with a concentration in healthcare services after obtaining his B.A. from Muhlenberg College, PA, where he also served as the Founder and Captain of its EMS program. He is currently employed in the radiology department at Memorial Sloan Kettering Cancer Center, N.Y.

Steve Costalas, DO

Steve Costalas is a graduate of the Philadelphia College of Osteopathic Medicine (PCOM). He is an emergency medicine attending physician at The Lankenau Hospital, located in suburban Philadelphia. He also serves as advisor to PCOM's emergency medicine club.

Mark S. Cottom

Mark Cottom is a police detective with 30 years experience. He is an expert in martial arts and police survival.

Joyce Foresman-Capuzzi, RN

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

Eric M. Garrison, MAEd, MSc, DLSHTM

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

Presenter Bios

the Virginia native had once served as student president. Though his funny and factual lectures on sex and relationships at undergraduate schools and on radio shows have made him well-known across America, Garrison's international reputation as a clinical sexologist and dynamic deliverer of client care and staff performance advice to more than 100,000 doctors, nurses, psychologists, EMTs, and phone triage specialists from Oxford, Mississippi, to Oxford University earned him a place this year as a presenter in this session for students and advisors. He currently serves as a clinical sexologist at The New School, whose Parsons The New School for Design serves as the host site for Project Runway, and works as a sex therapist and freelance sex columnist in Manhattan. This marks Eric's fourth appearance at an NCEMSF conference, having delivered two breakout presentations and one keynote address in previous years.

Michael P. Glaubach, MEd

Michael Glaubach started teaching the combative arts in 1993. He began his law enforcement training career in 1996 and has worked for the George Washington University Police Department as an instructor and officer since 2000. Most recently, his assignment was as the Tactical Supervisor and lead Use of Force Instructor. Michael has been an IPMBA Police and EMT instructor since 2005. Michael has achieved the Instructor Trainer level in 10 separate Law Enforcement Use of Force options; including PPCT Inc., of which there are less than 300 worldwide.

Claudine Hagan, RN, MPA

Claudine Hagan has 14 years of nursing experience focusing on cardiovascular and critical care. Her interest in cardiac nursing started while working in the cardiothoracic intensive care unit at Our Lady of Lourdes Medical Center in Camden, NJ. She has also worked in the CT ICU at Tufts New England Medical Center, a high volume cardiac transplantation center. She has worked as a Clinical Educator for Critical Care Services and Clinical Consultant for Datascope, Corp. She has lectured on various topics including cardiogenic shock, acute MI and IABP therapy. She recently returned to the Philadelphia area and currently works as a Clinical Nurse Specialist for Critical Care Service at Temple University Hospital.

Andrew Harris

Andrew Harris is currently President of Rochester Institute of Technology Ambulance (RITA) based at the in Rochester, NY. A native of Syracuse, NY, Harris is a fourth year Criminal Justice student. Harris has been a member of RITA since March 2006, served two years on the Executive Board of RITA, and is a New York State EMT-B. In addition, Harris works for Monroe Ambulance, a 22 ambulance commercial service in Rochester. He has worked in the sports medicine field as an assistant athletic trainer for 7 years. Outside of EMS, he is an Air Force ROTC cadet with Detachment 538, a member of the Civil Air Patrol, and active conservationist.

Michael T. Hilton

Michael Hilton, NCEMSF National Coordinator, is currently a medical student at the University of Pittsburgh School of Medicine in Pittsburgh, Pennsylvania. He received his Bachelor of Arts degree in History, focusing on American and Urban History in May 2005 from Columbia University. He has been involved with EMS and emergency services since 2000 as

a member of the Town of Mamaroneck Fire Department, Town of Mamaroneck/Village of Larchmont Volunteer Ambulance Corps (both located in Westchester County, NY), and Columbia University EMS (CUEMS). While at Columbia, Michael served as the FAST Training Program Coordinator, Chief Medical Officer and Captain of CUEMS. While at the University of Pittsburgh, Michael has been involved in hemorrhagic shock research in the Safar Center for Resuscitation Research, the lab of the father of CPR, the late Dr. Peter Safar. Michael became involved with NCEMSF in 2001. He served for three years as the Foundation's New York Regional Coordinator before becoming National Coordinator.

David B. Hiltz

David Hiltz has over twenty years of 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. He is a 1989 graduate of Northeastern University paramedicine program. His current full time occupation is in Community Strategies for the American Heart Association's Emergency Cardiovascular Care Program. A National Registry EMT-Paramedic and BLS, ACLS and PALS Instructor. As an AHA Regional Manager, he contributed to the development of numerous AHA initiatives and was a member of several national task forces.

Vernon Howery

Vernon Howery serves as the Operations Supervisor for Rowan EMS. His responsibilities are day to day response operations, protocols, and chart review.

William B. Hughes, MD

Bill Hughes was born and raised in Scranton, Pennsylvania. He received a B.S. in biology from the University of Scranton. After completing medical school at Temple in 1992, he stayed in Philadelphia for his surgical residency at the Medical College of Pennsylvania/Hahneman University program. He joined his partners at Saint Agnes Burn Center in July of 1998, and the following year opened the Burn Center at Temple University Hospital, where he has been the director since opening. He has presented widely both regionally and nationally. He is active nationally in the American Burn Association, having served on multiple committees, and locally with the Burn Foundation. He resides in New Jersey with his wife and two sons.

Eugene C. Janda, CFPS

Eugene Janda is the Deputy Chief for Fire and Emergency Services at the University of Pennsylvania. His efforts were instrumental in the creation of the Medical Emergency Response Team at Penn.

David Jaslow, MD, MPH, FAAEM

David Jaslow is an emergency medicine residency-trained and EMS/Disaster Medicine fellowship-trained physician who is currently the Director of the Division of EMS and Disaster Medicine within the Department of Emergency Medicine at Albert Einstein Medical Center in Philadelphia. He is a 1992 graduate of the Penn State-Jefferson Medical College 6-year

Presenter Bios

Pre-Med Med Program and was a member of the Penn State University EMS from 1986-1988. He is closing in on 25 years experience in EMS including two years as the Assistant Medical Director for the District of Columbia Fire and EMS Department during fellowship in the mid-1990s. Dr. Jaslow also serves as the Medical Editor for EMS Magazine, the Medical Director and Lead Physician for Pennsylvania Task Force-1 Urban Search and Rescue, and the Medical

Steven Kanarian, MPH

Steven Kanarian has extensive experience in EMS. Steven is an FDNY lieutenant in the EMS Command and has been an EMS educator for over 12 years. Steven is currently the Chair of the NAEMSE Research Committee. Steven is the paramedic program instructor at LaGuardia Community College in Queens, NY.

George J. Koenig, Jr., DO, MS

George Koenig, NCEMSF President, is a chief surgical resident at Mercy Catholic Medical Center in Philadelphia. He pursue further training in surgical critical care at Johns Hopkins University Hospital next year. 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 and serves as on the board of directors of both the Volunteer Medical Service Corps of Lower Merion and Narberth and the Penn Wynne-Overbrook Hills Fire Company.

Megan Kratz

Megan Kratz is a paramedic with Skippack Emergency Medical Services, PA and Goodwill Fire Company, PA. She also works in the Emergency Department at Paoli and Bryn Mawr Hospitals. She received her B.S. in Exercise Sport Sciences from Ursinus College. During her college experience she was a 2x All American gymnast and remains active in gymnastics as a coach for American Gymnastics. She also was a member of the Student Emergency Response Volunteers while at Ursinus.

Richard Levitan, MD

Richard Levitan obtained his medical degree from New York University. He completed a residency in emergency medicine at Bellevue Hospital in New York City and then worked at Lincoln Hospital (South Bronx) for two years before moving to Philadelphia in 1996. He spent 9 years at the Hospital of the University of Pennsylvania then moved to Albert Einstein Medical Center (North Philadelphia) in 2005. He is the founder and inventor of the Airway CAM.

Monica Artiles Liebman, RN

Monica Liebman work as the EMS coordinator at Children's Hospital of Philadelphia. She holds PHRN certification.

Jeffrey Lubin, MD, MPH

Jeffrey Lubin began his career in EMS at the collegiate level with the Cornell University Emergency Medical Service. Over the last 16 years, he has been a member of, medical director for, or otherwise a part of more than 15 different EMS/ Critical Care Transport agencies. Dr. Lubin is a board-certified Emergency Physician. He completed an EMS fellowship at the University of Pittsburgh, and has a Masters in Public Health. He currently is an Assistant Professor of Emergency Medicine at the Case Western Reserve University School of Medicine and is the Director of EMS and Critical Care Transport for University Hospitals Case Medical Center. In that role, he is also the medical director for CaseEMS, the local collegiate EMS group, University Hospitals MedEvac, the University Hospitals Critical Care Transport Team, and several other area EMS agencies. Dr. Lubin has spoken multiple times at the National Air Medical Transport Conference as well as with the University of Maryland-Baltimore County's national recognized critical care paramedic course.

Joshua A. Marks, MD

Joshua Marks, NCEMSF Secretary, is a general surgery resident at Thomas Jefferson University Hospital in Philadelphia, Pennsylvania. He received his Doctor of Medicine degree from Jefferson Medical College in June 2007, and his Bachelor of Arts degree in Economics in May 2003 from Columbia University. He has been involved with EMS since 1998 as a member of both the Volunteer Medical Service Corps of Lower Merion and Narberth (VMSC) and Columbia University EMS (CUEMS). Joshua sits on VMSC's Clinical Care Committee. While at Columbia, Joshua served as the Chief Medical Officer and Executive Director of CUEMS. Joshua became involved with NCEMSF in 2000 when he attended his first National Conference. He served for three years as the Foundation's first National Coordinator from 2001 to 2004 before being elected to the Executive Board. Joshua received 2003 NCEMSF Collegiate Provider of the Year Award.

Eric MaryEa

Eric MaryEa, Director-At-Large, began working in the healthcare field at the age of sixteen as a volunteer physical therapy assistant at St. Charles Hospital and Rehabilitation Center on Long Island. During his freshman year at the University of Delaware, Eric became involved with the University of Delaware Emergency Care Unit (UDECU) and eventually served as the Director of Training and Captain/ Coordinator. After graduating in 2003, Eric returned home to New York and enrolled in the SUNY Stony Brook Paramedic Program. Following successful completion of the Stony Brook Paramedic Program, Eric returned to Delaware where he served as a Paramedic within the ranks of the New Castle County Police Department. Eric now works for the Department of Homeland Security and also operates as a paramedic with the Nesconset Fire Department. Eric continues to practice as an EMS Instructor and American Heart Association CPR Instructor.

Presenter Bios

Kevin McGinnis, MPS

Kevin McGinnis has been an EMS system builder since 1974. He received undergraduate and graduate degrees from Brown University and Cornell University in health care delivery systems and hospital administration, has held EMT, EMT-Intermediate and Paramedic licenses in New York and Maine, and is or has been a certified instructor in PreHospital Trauma Life Support, Advanced Cardiac Life Support, and a state I/C in first responder through EMT-I courses. Kevin has been an ambulance service chief for volunteer and hospital-based services, a regional EMS coordinator, a hospital emergency department director, Maine's state EMS director from 1986 through 1996 (he served as interim state E9-1-1 director for a year during that period as well). He has been an EMS system consultant for the past 12 years, evaluating systems and ambulance services, and has served NHTSA as a member of state EMS system evaluation teams. For the past eight years, Kevin has been a Program Advisor for the National Association of State EMS Officials. He also serves as communications technology advisor for that association, and for the National Association of EMTs, the National Association of EMS Physicians, the National Association of EMS Educators, and the National EMS Management Association. He is widely published in and a national speaker on the areas of public safety/EMS communications, rural EMS, and airmedical systems. He continues his EMT/paramedic practice of 34 years.

Timothy McMichael

Tim McMichael, NCEMSF EMS Week Coordinator, is a 2001 graduate of Juniata College with a BS in Information Technology and Systems. He is currently employed by Microsoft Corporation as a Support Escalation Engineer working on the Exchange Server product. He received his PA EMT-B in 1999 and recently received his NREMT-P.

C.Crawford Mechem, MD

Dr. Mechem received his BS and MS from Stanford University. After working as a neuroscientist at duPont for two years he attended medical school at Jefferson Medical College in Philadelphia. He did an emergency medicine residency at Valley Medical Center in Fresno, CA, and remained on the faculty there for two years before joining the emergency medicine faculty at the University of Pennsylvania School of Medicine in 1994. He is now an Associate Professor of Emergency Medicine. Since 1998 he has also served as the Emergency Medical Services Medical Director for the Philadelphia Fire Department as well as the Philadelphia Regional EMS Medical Director.

Scott A. Mickalonis

Scott Mickalonis is currently the Deputy Director for the Division of Emergency Management with the Montgomery County, PA Department of Public Safety. He also serves as a staff Paramedic/Lieutenant with Trappe Fire Co. EMS and is Captain with the Limerick Fire Company. He is certified at the Firefighter 2, Fire Officer 1 and Hazmat Technician levels. Scott has worked for the County of Montgomery for 10 years, serving in various capacities including Emergency Medical Services and Hazardous Materials Response. Scott is a 1998 graduate of The Pennsylvania State University with a degree in Health and Physical Education. He served 5 years with Penn State EMS and still works on the event staff,

today. Scott began his EMS career in 1991 in Orwigsburg, PA and currently lives in Limerick Twp. PA with his wife and daughter.

Aaron Miller

Aaron Miller is currently a graduate student at the Tulane University School of Public Health and Tropical Medicine. He received his undergraduate degree from Tulane University in Sociology and International Development. During his college experience he volunteered with Tulane Emergency Medical Services (TEMS) as an EMT. He served as Director of TEMS during 2006-2007. He has received numerous awards and has presented several papers. Most notable was the President's Volunteer Service Award for which he was recognized for his work during Hurricanes Katrina and Rita.

Mark E. Milliron, MS, MPA

Mark Milliron, NCEMSF Director-at-Large, 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. He also serves as Collegiate EMS Coordinator for the National EMS Museum Foundation. His collegiate EMS service at Penn State University spanned three decades. He began his involvement at Penn State as an EMT trainee while an undergraduate in 1983. Following service as a U.S. Naval officer, he returned to Penn State as a graduate student and served as an ambulance crewmember and special events staff with University Ambulance Service from 1989 to 2007. 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 is currently a volunteer Officer-in-Charge, Field Training Officer, and EMT Instructor with Centre LifeLink EMS in State College, PA, is Administrative Coordinator and a search and rescue Field Team Leader with the Central Region Emergency Strike Team, Advisor of EMS Venturing Crew #325, and is the Commander of the Centre County Ambulance Association Honor Guard. He is a full time member of the faculty in the Department of Health Policy and Administration at Penn State. He holds master's degrees in public administration and health policy and administration, and is continuing his education in the graduate program in Homeland Security in Public Health Preparedness through the Penn State College of Medicine.

David Nitsch

David Nitsch is an EMS Educator for Albert Einstein Medical Center, Department of Emergency Medicine. He has recently completed a fourteen-month assignment in Iraq as a personal security specialist for the Diplomatic Security Service. In his 22 years experience in the emergency services he has served as a field provider, supervisor, and service manager. His specialized experience includes serving as a tactical paramedic and medical team leader with the Lancaster County Special Emergency Response Team and as a Rescue and Medical Specialist with the Pennsylvania Urban Search and Rescue Task Force. Mr. Nitsch recently completed his degree in Safety Engineering and currently resides in Lancaster, Pennsylvania with his wife and five children.

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Martin O'Riordan, MD

Dr. O'Riordan is a cardiologist with the Cardiovascular Associates of Southeastern Pennsylvania. He completed his medical school training at Jefferson Medical College in Philadelphia, PA, and completed his fellowship training in cardiology at Lankenau Hospital. He currently is the director of the Adult Congenital Heart Program at Lankenau Hospital. His interests focus on the screening of athletes to detect risk factors that could predispose them to a fatal arrhythmia. Most recently, he completed a sabbatical working with the director of Italy's national athletic screening program.

Timothy J. Perkins

Timothy J. Perkins, BS, EMT-P is the EMS Systems Planner for the Virginia Office of MS in Richmond, VA. He has over 18 years of EMS Operations and Management experience in various EMS Systems in the eastern United States. He is a graduate of the Emergency Health Services Program at the University of Maryland Baltimore County, former EMS Manager at Syracuse University Ambulance, and has also authored several articles that have appeared in EMS trade publications.

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

Dr. Pryor is a trauma-critical care surgeon at the University of Pennsylvania in Philadelphia. He completed medical school and general surgery training at the University of Buffalo, in Buffalo New York, and completed fellowship training in trauma surgery and critical care at the University of Pennsylvania. He is currently an Assistant Professor of Surgery at the University of Pennsylvania School of Medicine and the Trauma Program Director for the Trauma Center at Penn. Dr. Pryor is also a Major in the United States Army Reserve Medical Corps. He served an active duty tour as the trauma surgeon for the 344th Combat Support Hospital in Abu Ghraib Iraq during Operation Iraqi Freedom in 2006.

S. Michael Roberts

Mike Roberts is currently the Deputy Chief of EMS Operations at Trappe Fire Company No 1 in Montgomery County, PA. He began his EMS career in the greater Harrisburg area working for West Shore EMS. He attended Ursinus College and became the Chief of Student Emergency Response Volunteers (SERV), the campus EMS organization. During his time as Chief he procured a vehicle for the organization, had it certified as a quick response service by the Commonwealth of Pennsylvania, and co-hosted the NCEMSF Conference in 2005 with Villanova EMS. After graduating from Ursinus with a BS in Chemistry he began working for Trappe Fire Company. Throughout his time with Trappe he has served in multiple leadership roles and is a member of the PA EMS Strike Team and was deployed to provide EMS support to Southern Louisiana after hurricanes Katrina and Rita in October of 2005. Mike is also currently a first-year medical student at Philadelphia College of Osteopathic Medicine and plans on continuing his career in EMS.

Stephen Rosenberg

Stephen Rosenberg began his EMT training in 2003, during his senior year of high school. After completing his EMT training, Stephen received both his New Jersey EMT-B and NREMT-B. He began volunteering on his hometown rescue squad in Medford, NJ Rescue 258. Since coming to Brown University,

Stephen has continued to explore EMS through trainings such as ET Intubation and was nominated to Senior EMT status this past fall. He is currently studying biology at Brown University and is completing his undergraduate thesis work on hepatocellular carcinoma. Stephen will be entering medical school next fall and is considering a wide array of specialties for his future career in medicine.

Scott C. Savett, PhD

Scott Savett, NCEMSF's 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, 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. Professionally Scott is a senior implementation analyst with the Informatics section of the Integrative Technologies 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. He also serves on the board of trustees of that organization.

Karolina A. Schabbes, MPH

Karolina Schabbes, NCEMSF's Membership Coordinator, has been involved in campus EMS since 1995. While earning her bachelor's degree in biology and health at Cornell University, Ithaca, New York, 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.

Diane M. Schweizer

Paramedic Battalion Chief Diane Schweizer has dedicated over 14 years of service to the Philadelphia Fire Department and the citizens of Philadelphia. Chief Schweizer joined the Philadelphia Fire Department in May 1995, and has served in various positions and in each rank of Paramedic, Lieutenant, Captain, and now recently promoted to EMS Battalion Chief. In 2004, Chief Schweizer was the Media Liaison/Public

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Information Officer (PIO) for the Philadelphia Fire Department. This was, at the time a stunning change, set in place by then Fire Commissioner Harold B. Hairston (Ret.) This was the first time a public information officer, reporting on all activities provided by the Philadelphia Fire Department, emanated from the Emergency Medical Services branch from within the Department. Aside from daily press releases and meeting request from the media for all types of information including on-air commentary for active emergency scenes, Chief Schweizer also developed, and implemented an EMS Educational Campaign – “911 Only For REAL Emergencies”. This program was aimed at reducing the demand for EMS services, through the 911 system. Chief graduated Magna Cum Laude from the University of Scranton in 1990 with a Bachelor of Science in Mathematics and a Minor in Business. During her junior year of college, Diane studied abroad at the London School of Economics, and was inducted into the Mathematics Honor Society – Pi Mu Epsilon. In 1992, then Diane Kuehner (*nee*) graduated from Hahnemann University (now, Drexel University) with a Masters in Emergency Medical Services (EMS). Concurrent with her Masters Degree, she also attained her Pennsylvania Paramedic (EMT-P) Certification in 1991. She received the Hahnemann University Departmental Graduate Achievement Award.

Kari Szentesy

Kari Szentesy is the Assistant Director of Admissions for Graduate Programs at the Philadelphia College of Osteopathic Medicine.

Molly Stramberg

Molly Stramberg began volunteering with Ridgewood (NJ) Emergency Services in 2005. She graduated from Ridgewood High School in 2006 and is currently a sophomore at the University of Massachusetts – Amherst studying pre-medicine and English. She has also been a member of University of Massachusetts – Amherst EMS since September of 2006 and has been on the board of Directors since the spring of 2007. Molly is currently the Director of Finance. She has worked closely with the Medical Reserve Corps (MRC) chapter at UMass to not only become active but try to bridge the gap between the MRC and UMass EMS. She was hired as an EMT by Holy Name Hospital in Teaneck, NJ in the summer of 2007.

Graig Straus

Graig “Giddy” Straus is the director of sales for National Medical Billing, Incorporated which specializes in physician and ambulance company billing. He received his degree in nursing from Ramapo College of New Jersey. He has been involved with NCEMSF since 2002, when he assisted with the planning of the 9th annual conference NCEMSF conference. He is an active EMT/FF with the Monsey Fire Department and Spring Hill Community Ambulance Corps in NY.

Benjamin R. Usatch, MD

Ben Usatch is an emergency medicine attending physician at The Lankenau Hospital in suburban Philadelphia. Dr. Usatch has been involved in EMS for the past 28 years, originally as a paramedic and now as an EMS Physician. He serves as Medical Director of the Volunteer Medical Service Corps of Lower Merion, Radnor Fire Company, Mercy-Fitzgerald Hospital Paramedics, and TransCare’s Philadelphia operation. Additionally, Dr. Usatch is an avid ski patroller. His current

interests include advanced pre-hospital airway management techniques, tactical EMS, and providing hands-on QA/QI.

John F. Washington

Lieut. Washington has been involved in the EMS, fire, hazardous materials and law enforcement realm for 30 years. He currently commands the 30 officer bike patrol unit at the University of Pennsylvania Police Department which he has been apart of since 1991 and is an instructor with the Montgomery County Fire Academy specializing in hazardous materials and vehicle rescue topics. The Lieut. is a nationally recognized police and EMS cycling instructor and has taught personnel across the U.S. and from Australia, Argentina, Canada, Israel, Scotland, St. Croix, and the UK.

Michael S. Wiederhold, MD, MPH, MS

Michael Wiederhold, NCEMSF Treasurer, is a pediatric resident at the University of Tennessee, Memphis. He graduated from the University of Arkansas for Medical Sciences with a Doctor of Medicine. 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. 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 NREMT-I with Emory 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. In addition to his collegiate EMS experience, 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 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.

Dan White

Dan White is the Director of Corporate Planning & Business Development for Alliance Medical, located near Jefferson City, Missouri. Alliance is one of the nations leading distributors of Emergency Medical Products, now celebrating it’s 21st year. He has been continuously certified as an Emergency Paramedic since 1977. He received his EMT & EMT-Instructor certifications at the University of Missouri in Columbia, Mo. and his EMT-P (Paramedic) certification at Penn Valley Community College in Kansas City, Missouri. He has designed many emergency medical products, back to the White Pulmonary Resuscitator, in 1978. Dan has successfully brought over 40 original products to market.

Robby Wu

Robby Wu is a senior at Pennsylvania State University completing majors in Psychology and Biology and a minor in bioethics. He has worked with Penn State EMS for three years and has also volunteered at surrounding EMS companies. Robby hopes to attend medical school and to become a physician.

Notes

Calling all Photographers!

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

Schedule Summary

Friday, February 29, 2008

6:00 pm—1:00 am Medtronic EMS Skills Competition
 8:00 pm—12:00 am Welcome Social
 10:00 pm—1:00am Movie Time

Devon
 Freedom
 Amphitheater

Saturday, March 1, 2008

7:30 am—8:30 am Continental Breakfast
 8:00 am—8:50 am Richard W. Vomacka Student Speaker Competition
 Strategic Planning for the Collegiate EMS Agency
 “Stay and Play” or “ Load and Go”
 Integrating the Experienced EMT
 Behavioral Emergencies
 Regional Roundtables
 9:00 am—9:50 am Group Introductions/Meet & Greet
 10:00 am—11:00 am Workshop Session 1
 Airway Theater
 Trauma Crash Course: Learning From Famous Fatalities
 Hemostatic Resuscitation: Lessons From the War in Iraq and Philadelphia
 EMS Research
 Planning a Campus Evacuation Exercise
 Medical Management of Blast Injuries
 11:10 am—12:10 pm Workshop Session 2
 ABC's of ACS: Review of Acute Coronary Syndrome
 Are You an EMS Detective?
 Chest Trauma
 Controversies in Spinal Immobilization
 The Voice of the Organization
 The Technical Rescue Patient
 Administrative Roundtables (Financing, Recruitment & Retention, Training)
 Airway Skills Lab: Rescue Ventilation Devices—Pre-registration Required
 12:10 pm—1:15 pm Lunch
 1:15 pm—2:15 pm Workshop Session 3
 There's Nothing Basic About Me
 The Acute Abdomen
 Future EMS Communication Systems: Real Time Data and the Tricorder
 Let's Get Ready to Rumble ... Surviving the EMS Assault
 EMS Bike Issues
 Life After Collegiate EMS: Panel Discussion
 2:25 pm—3:25 pm Workshop Session 4
 Pediatric Emergencies
 Hypoxia to Trauma: Central Nervous System Emergencies
 Burns, What We See
 Clinical Effects of Common Illegal Drugs and Restraining the Intoxicated Patient
 Sense and Sensitivity: Applying the CARES '08 Model to Sexual Assault Calls
 University Administrators Panel Discussion
 Bicycle Skills Lab: Basic EMS Bicycle Maintenance
 3:35 pm—4:35 pm General Session 1: Air Medical Services and Collegiate EMS
 4:35 pm—4:45 pm Break—Happy 15th Anniversary NCEMSF
 4:45 pm—5:45 pm General Session 2— NAEMT Key Note Lecture: WMD Competencies: Can Anyone Tell Me What to Do?
 5:45 pm—6:45 pm NCEMSF Business Meeting & Awards Presentations

Foyer
 Freedom I&II
 Freedom V&VI
 North
 South
 Various Locations
 Freedom
 Freedom I&II
 Freedom III
 Freedom IV
 Freedom V&VI
 North
 South
 Freedom I&II
 Freedom III
 Freedom IV
 Freedom V&VI
 North
 South
 Devon, Radnor, Wayne
 Berwyn
 Freedom III
 Freedom IV
 Freedom V&VI
 North
 South
 Freedom I&II
 Berwyn
 Freedom
 Foyer
 Freedom
 Freedom

Sunday, March 2, 2008

8:00 am—9:00 am Continental Breakfast
 8:00 am—4:00 pm Basic Disaster Life Support (BDLS)—Pre-registration Required—Additional Fee Applies
 8:30 am—9:30 am Workshop Session 5
 CPAP
 The New Hemophiliacs
 Caring for the Intramural Athletic Injuries
 Member Selection: Making the Most of the Interviews and the Selection Process
 EMS Response to Small Aircraft Incidents
 9:40 am—10:40 am Workshop Session 6
 Medical Case Studies
 Virginia Tech Rescue Squad
 Can College Campuses Act as Springboards for the Advancement of Chain of Survival?
 Revenue Streams: Finding Money for College EMS
 Recognizing & Planning for a Biological Incident
 10:50 am—11:50 am Workshop Session 7
 EKG Essentials
 Causes of Sudden Cardiac Death in College Athletes
 EMS 12 Step Program: Rehabilitation for Your Agency
 Interfacing with Outside Agencies
 Medtronic EMS Skills Competition Review
 Service Roundtables (Startup, QRS, Transport)
 12:00 pm—12:45 pm Conference Wrap-up

Foyer
 Berwyn
 Freedom IV
 Freedom III
 Freedom V&VI
 South
 North
 Freedom IV
 Freedom III
 Freedom V&VI
 North
 South
 Freedom IV
 Freedom III
 North
 South
 Freedom V&VI
 Devon, Radnor, Wayne
 Freedom III