

two thousand and six

2006

National Association of EMS Physicians®

A N N U A L

R E P O R T



NAEMSP® Executive Office

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SAMPLE HIGHLIGHTS OF THE YEAR

During 2006, NAEMSP®:

- Carried on in its third decade of leadership in EMS
- Held its annual Specialty Workshops, Scientific Assembly and Trade Show in Tucson, Arizona
 - Six hundred and fifty people attended the meeting, exceeding the previous year's record attendance
 - The Annual Meeting contributed significantly to NAEMSP's revenues
- Increased its cash and investments to ensure ongoing financial stability
- Completed its first full year of a renewed long-term contract with Applied Measurement Professionals, Inc. (AMP) for management services of the executive office
- Continued work on six federal grants and contracts
 - The Pediatric Care Research Workshop grant was renewed for another year
 - The National Research Agenda project was continued, and a research and ethics conference is planned for February 2007
 - The Terrorism Injuries: Information Dissemination and Exchange (TIIDE) project was carried over through 2007
- Published its 10th volume of *Prehospital Emergency Care*
 - It included 537 pages
 - The journal received a record number of manuscript submissions
- Initiated the NAEMSP-ZOLL EMS Resuscitation Research Fellowship
- Elected, via electronic Internet voting, a new president-elect, secretary/treasurer, three physician members-at-large and one professional member-at-large who commence office in January 2007
- Provided liaisons and representatives to dozens of organizations and EMS-related activities and conferences
- Organized more than 17 committees and task forces to foster new ideas and vision, provide enhanced opportunities for networking, lead efforts to represent the organization, and develop meaningful products for EMS professionals



BOARD OF DIRECTORS

President

Robert O'Connor, MD, MPH

Term through January 2007

President-Elect

David C. Cone, MD

Term through January 2007

Secretary/Treasurer

Theodore R. Delbridge, MD, MPH

Term through January 2007

Immediate Past President

Robert Bass, MD

Term through January 2007

Members-At-Large

M. Sandy Bogucki, MD, PhD

Term through January 2007

Ritu Sahni, MD, MPH

Term through January 2007

Marc Eckstein, MD

Term through January 2008

Ronald G. Pirrallo, MD, MHSA

Term through January 2008

Henry Wang, MD, MPH

Term through January 2008

Professional Member-At-Large

E. Brooke Lerner, PhD

Term through January 2007

MISSION STATEMENT

The National Association of EMS Physicians® is an organization of physicians and other professionals partnering to provide leadership and foster excellence in out-of-hospital emergency medical services.

Program Committee Chair

Paul E. Phrampus, MD

Term through January 2007

*Standards and Clinical Practice
Committee Chair*

Douglas F. Kupas, MD

Term through January 2007

Operational EMS Ad Hoc Committee Chair

Jon Krohmer, MD

Term through January 2007

During Fall 2006 the NAEMSP® membership elected the following individuals to the Board of Directors, each for a two-year term commencing January 2007:

Theodore R. Delbridge, MD, MPH, *President-Elect*

Ronald G. Pirrallo, MD, MHSA, *Secretary/Treasurer*

Steven Scott Andrews, MD, EMT-P, *Member-At-Large*

Jane H. Brice, MD, *Member-At-Large*

LTC John G. McManus, MD, MCR, *Member-At-Large*

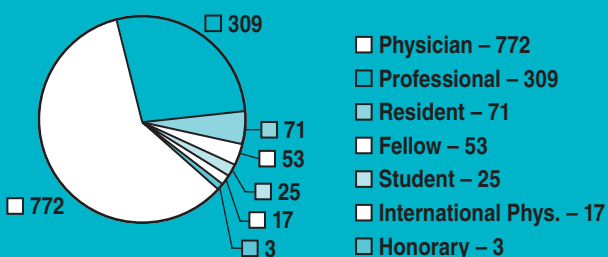
E. Brooke Lerner, PhD, *Professional Member-At-Large*

Ritu Sahni, MD will complete Dr. Pirrallo's remaining term as Member-At-Large through January 2008.

2007 elections will be held during the Fall for three Board of Directors Member-At-Large positions.

MEMBERSHIP

NAEMSP's membership has been stable over recent years. There are currently 1250 members. The following graph details the various membership categories.



Committee Chairs

- **John Madden, MD**, *Air Medical Services Ad Hoc Committee*
- **Karen Wanger, MDCM, FRCPC**, *Canadian Relations Ad Hoc Committee*
- **Cai Glushak, MD**, *Communications Committee*
- **David C. Cone, MD**, *Development Ad Hoc Committee*
- **Kathy J. Rinnert, MD, MPH**, *EMS Fellow and Fellowship Graduates Ad Hoc Committee*
- **Jon Krohmer, MD**, *EMS Physician Certification Ad Hoc Committee*
- **Theodore R. Delbridge, MD, MPH**, *Finance Committee*
- **Francis Menci, MD**, *International Affairs Ad Hoc Committee*
- **Keith Wesley, MD**, *Membership Committee*
- **Jon Krohmer, MD**, *Operational EMS / EMS Preparedness Ad Hoc Committee*
- **Kathleen Brown, MD**, *Pediatrics Ad Hoc Committee*
- **Paul E. Phrampus, MD**, *Program Committee*
- **Joseph Sabato, Jr., MD**, *Public Health Ad Hoc Committee*
- **Robert Swor, DO**, *Quality Improvement Ad Hoc Committee*
- **Lawrence Brown, EMT-P and Manish Shah, MD, MPH**, *Research Committee*
- **Bethany A. Cummings, DO**, *Rural EMS Ad Hoc Committee*
- **Douglas F. Kupas, MD**, *Standards and Clinical Practice Committee*

Committee Highlights

The following highlights just some the important work completed or being pursued by NAEMSP's members through its committees:

Air Medical Services Ad Hoc Committee

- Met at the Air Medical Transport Conference in Phoenix and the ACEP Scientific Assembly in New Orleans.
- Developed a position paper concerning on-site helipads at hospitals, and facilitating its endorsement by ACEP and AAEM.

Canadian Relations Ad Hoc Committee

- Surveying and cataloguing fellowship programs to begin a process of standardization across Canada.
- Collaborated with NAEMSP® to conduct the first Canadian EMS Medical Directors Overview Course in conjunction with the International Congress of Emergency Medicine in Halifax, Nova Scotia.
- Pursuing a memorandum of understanding between the Committee and the Canadian Association of Emergency Physicians (CAEP), including a membership drive for both organizations.
- Developed a quarterly newsletter for Canadian EMS medical directors as a joint project with CAEP.

EMS Fellow and Fellowship Graduates Ad Hoc Committee

- Participating in the OSHA project regarding best practices for protecting EMTs during treatment and transport of victims of hazardous substance release.
- Participating in the NHTSA project regarding an EMS national strategy for pandemic influenza.
- Participating in NREMT test item writing.
- Developing an EMS physician body-of-knowledge document.

International Affairs Ad Hoc Committee

- Facilitated a presentation at the 2006 Annual Meeting by Alejandro Cabrera about the EMS of Guadalajara.
- Facilitated representation of NAEMSP® at the annual meeting of BASICS (British Association for Immediate Care).
- Represented NAEMSP® at the World Congress on Emergency Medicine and Disasters in Mexico.
- Facilitating a role for NAEMSP® during the EMS portions of the Mediterranean Emergency Medicine Congress in Fall 2007.
- Exploring options to translate the NAEMSP® web page into Spanish and perhaps French.

Program Committee

- Reviewed evaluations of the 2006 Annual Meeting and made multiple calls for suggestions and presentations at the 2007 Annual Meeting.
- Planned the 2007 Annual Meeting program, including 21.5 total hours of educational and research presentation content.
- Facilitated committee leadership transition for the coming year.

Public Health Ad Hoc Committee

- Participated in the development of a proposal to NHTSA to create an introductory guidebook to support EMS and public health collaboration, and now participating in the development of that guide.

Quality Improvement Ad Hoc Committee

- Developing a quality improvement program survey of EMS agencies.
- Developing a position paper regarding clinical benchmarking for EMS systems.
- Developing benchmarks that may be used by EMS agencies and systems; they include measures of reperfusion for EMS STEMI patients and care for cardiac arrest victims.

Research Committee

- Finalized the NAEMSP-Zoll EMS Resuscitation Research Fellowship guidelines and application submission process, and assisted with reviews.
- Reviewed the 144 abstracts submitted for the Annual Meeting, and selected 99 for presentation.
- Pursuing extramural funding to support research-related workshops and/or sessions during the Annual Meeting

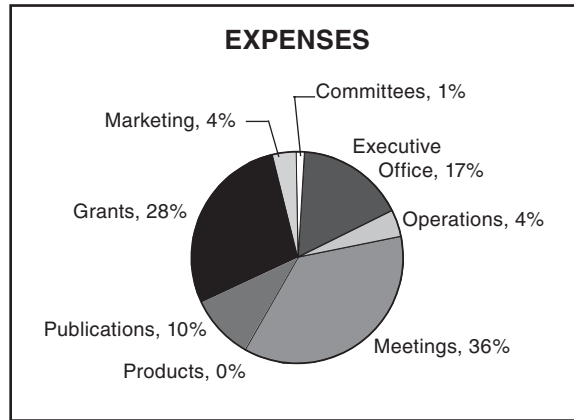
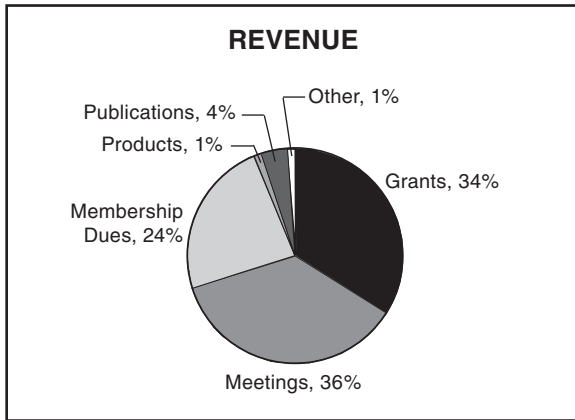
Rural EMS Ad Hoc Committee

- Developed a member group listserv within *Yahoo Groups*.
- Participated on the Rural EMS Trauma and Technical Advisory Board (REMSTTAC).
- Pursuing development, with the Critical Illness and Trauma Foundation, an on-line web-based EMS medical directors'



FINANCES

The following charts indicate sources of revenue and expenses for NAEMSP® through the fiscal year that ended June 30, 2006.



NAEMSP® continues to pursue its goal to grow cash and investments equal to at least one year’s expenses, as an organization’s capital reserves is one indicator of its financial health. Progress continues to be made in that direction. During the last fiscal year, NAEMSP’s cash and investments grew 16% to more than \$520,000; more than half of annual expenses. While this may seem like an insignificant detail, the organization’s financial health and a favorable trajectory enable leadership to dedicate its attention to creating value for the membership.

The annual meeting and membership dues are vitally important to NAEMSP® and its financial health, representing 60% of its revenue last year. The 2006 Annual Meeting was the best attended in NAEMSP® history and made a meaningful contribution to margin. Membership growth, although flat thus far this year, produced dues revenue in excess of budget targets last year. The combination of these factors helped NAEMSP® to be financially successful in 2006.

Identifying new opportunities for revenue is very important. Chief among these opportunities has been a number of grants and contracts NAEMSP® has pursued. While each has associated expenses, they still make a positive contribution to the bottom line. Further, there are many intangible benefits, including opportunities for member involvement in meaningful and rewarding projects and building NAEMSP’s reputation and credibility. Last year the proportion of revenue represented by grant income increased again by another 3%.

NAEMSP® benefits tremendously from the financial expertise of its management firm, AMP. The organization is starting its second year of a renewed long-term contractual relationship with AMP. The result has been association management that is stable and costs less than 20% of NAEMSP’s expense budget. Each financial decision of the Board of Directors is made with great care and thought to insure that incurred expenses bring value to the membership and resonate with fiscal restraint and accountability.

NAEMSP’s financial health is sound. The first months of the current fiscal year that began July 1, 2006 present an optimistic outlook for future growth and stability. Thus, the focus is on value for NAEMSP’s members and those matters that bring them together.

course that includes a mentorship module to match students with established EMS medical directors.

- Developing an EMS medical director outreach program in rural Maine for communities that don’t have access to an EMS physician.

Standards and Clinical Practice Committee

- Facilitated Board of Directors’ approval of NAESMP position papers
 - Intraosseous access in EMS.
 - Alternative airway use.
 - EMS management of stroke.
 - Support for on-site helipads.

- Oversaw the update of the Position Statement section of the NAEMSP® website.
- Developing a position statement regarding EMS expert witness qualifications.

National Research Agenda

The National Highway Traffic Safety Administration has awarded NAEMSP® a cooperative agreement in the amount of \$49,992 to evaluate the current requirements for exception from informed consent in emergency situations, and to identify those requirements that are serious impediments to conducting EMS research. The cooperative agreement also includes efforts to develop and propose EMS-specific consent strategies as well as appropriate revisions to the existing regulations. The Principal Investigator for this grant is Michael R. Sayre, MD and the Co-Principal Investigators include Lynn White, MS and Lawrence Brown, EMT-P. This grant runs from 7-30-04 through 7-30-07.

A separate Small Conference Grant was submitted to AHRQ. The purpose of the small conference is to serve as the impetus for the development of a guidance document to address issues of both consent and ethical conduct for EMS research. AHRQ has tentatively approved the Small Conference Grant for \$40,000 pending the successful resolution of a few minor issues. The Administrative Task Force is working to set up the Ethics Conference which will be held in Washington, D. C. on February 7-8, 2007. Information on the conference and a registration form is on the NAEMSP® website under Grant Meetings.

Pediatric Emergency Care Research Workshop

The Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau's (MCHB) Emergency Medical Services for Children (EMSC) program has approved a Firm Fixed Price Purchase Order in the amount of \$98,153 to develop a two-day workshop focusing on pediatric emergency care research. This is the fourth Pediatric Research Workshop and will be held on January 9 and 10, 2007 in Naples, Florida. There will be 20 participants. The first workshop in this series was successfully held January 7-8, 2004, in Tucson, Arizona, and hosted 20 registrants and a faculty of 10. A second workshop was January 11-13, 2005 in Naples, Florida with 20 registrants and 12 faculty. The Third workshop was held again in Tucson, Arizona on January 17-18, 2006 with 20 registrants and 5 additional registrants that paid a registration fee to cover meals. The Principal Investigator for the Workshop is Kathleen Brown, MD and the Steering Committee consists of Lynn White, MS, and E. Brooke Lerner, PhD. This new grant will run through September, 2007.

Terrorism Injuries: Information Dissemination and Exchange (TIIDE)

Formerly known as Linkages of Acute Care and EMS to State and Local Health Programs: The Role of Interactive Information Systems for Responding to Events Resulting in Mass Injury:

NAEMSP® was awarded a cooperative agreement in April 2003 to work with federal, state, and local public health agencies to identify currently functioning interactive informational systems between public health agencies, emergency departments, and EMS systems, and to identify linkages of acute care and EMS to state and local injury prevention programs. The work product from this phase of the grant has been published in *Prehospital Emergency Care* and the *Journal of Public Health Management and Practice*.

NAEMSP® was awarded a second \$100,000 cooperative agreement with the Centers for Disease Control and Prevention on September 30, 2004 for a one-year period to identify model communities that have established linkages between public health and the emergency response community; create a document describing recommendations for best practices; create an inventory of communities with established best practices; create a strong interactive communication system between EMS and public health; and identify characteristics of interactive informational systems.

NAEMSP® was further awarded an amount of \$25,000 to participate in a cooperative agreement with ACEP and other agencies to work on coordinated linkages of acute care and EMS to state and local injury prevention programs.

A subcontract was entered into between NAEMSP® and the CDC in the amount of \$61,625 to conduct a one-day conference on "Lessons Learned from Terrorist Attacks" in Nice, France, on September 2, 2005. The objectives of the conference were to assemble an international group of clinicians and administrators to discuss the clinical and system responses to terrorist bombings and disseminate the findings of the conference via available methods including publication in a refereed journal, and attaching links through global organizational web sites. The conference was attended by 22 international participants. A Writing Team created a manuscript on the meeting, which has been submitted to *Annals of Emergency Medicine*.

NAEMSP® was awarded an additional \$50,000 for the fiscal year running from September 30, 2005 through September 30, 2006, to continue working on the objectives of the original Cooperative Agreement and will be redirecting approximately \$69,000 from the prior year. This money was to be used to summarize the findings on a second Lessons Learned meeting for blast injury and to continue our participant with the TIIDE grantees. The project has an expiration date of September 29, 2007. The total funding to date is \$236,624.

The principal investigator for this project is Robert O'Connor, MD, MPH and the Co-Principal Investigator is E. Brooke Lerner, PhD. Writing Team Members include Kathy Brinsfield and Richard Schwartz.

A redirected budget has been filed with the CDC in which NAEMSP® is allowed to carry over unspent funds from past CDC grants as well as incorporate funds from the existing grant. NAEMSP® was notified on July 22, 2006, that they had been awarded a redirect of \$30,000. The grant will now expire on September 29, 2007. There are other anticipated meetings scheduled that the NAEMSP® team will participate in and will utilize the redirected funding, that was approved. The next meeting will be in the Washington, D. C. area on March 1, 2007.

Medical Directors Distance Education & Mentoring Program

Formerly known as Medical Response to Terrorism/National Disaster Life Support Integration Project:

NAEMSP® is working in conjunction with the Critical Injury Trauma Foundation on this project. Bethany Cummings, DO and Douglas Kupas, MD are the Co-Principal Investigators. The main focus will be the reformatting of the Medical Response to Terrorism course to an online interactive structure as a module in the NHTSA/NAEMSP/CITF online EMS Medical Director course. There will also be a review of the module by EMS Physicians and educators for level of knowledge and applicability in online format. Another piece of the grant will be the on-line pairing to a mentor. NHTSA provided NAEMSP® with a no cost modification extending the timelines to November 30, 2006, but a further no cost modification application was requested from NHTSA for an additional six months which would have the grant expire on May 30, 2007. The original funding was for \$150,000.

NAEMSP® has contracted with Burns Technology in Montana to work on producing the media for the Distant Learning work product. This is the same group that the Critical Injury Trauma Foundation is using for their work product and it was felt that the two pieces should have a similar look.

The Administrative Team is making good progress. The group anticipates having the product complete by the time the contract expires in May 2007 and is holding monthly conference calls to stay on target.

Technology and EMS Project

Formerly known as ITS Grant

NAEMSP® was awarded a cooperative agreement from the National Highway Traffic Safety Administration covering a two year period in the amount of \$300,000. The purpose of this agreement is to implement the *Recommendations for ITS Technology in Emergency Medical Services* to increase national medical community involvement in the planning and implementation of ITS technology. The Co-Principal Investigators for this project are Robert Domeier, MD and Bob Bailey, MA. A meeting of the Technical Consultation Committee was held in Fairfax, VA on April 18-19, 2005. The Task Force continues to work on formulating the information generated from that meeting.

The ITS Work Group requested and received a six-month no cost modification to the grant. This was necessitated because of delays caused by the Subcontract with the State EMS Directors. This ITS Work Group held a meeting in August 2006 to finalize the work product. This Cooperative Agreement is due to expire on March 17, 2007.

Public Health Cooperative Agreement

NHTSA has awarded NAEMSP® a Cooperative Agreement in the amount of \$100,000, to develop guidance for local EMS medical directors and local public health directors to promote closer coordination between the two entities and to suggest some key opportunities for collaboration at the local level. This project arose from a recommendation made by the NAEMSP's Public Health Committee. The focus of the Public Health Grant will be to improve the national EMS system by creating and documenting ideas, recommendations and guidance concerning the integration of EMS with the public health system. NAEMSP® will work on this project in cooperation with the National Association of County and City Health Officers (NACCHO). The Principal Investigator for the Cooperative Agreement is Joseph Sabato, Jr. The contract ran through September 15, 2006.

NAEMSP® recently received a report from the technical writers regarding completion of the project. While this Cooperative Agreement has expired, at NHTSA's suggestion, the Task Force is still in the process of finalizing the final report and we expect the final draft to be reviewed by the NAEMSP's Public Health Committee at its meeting during the NAEMSP® Annual Meeting in Naples, Florida.

Prehospital Emergency Care (PEC)

2006 saw the completion of Volume 10 of *Prehospital Emergency Care*. The volume had 537 pages. By mid-December 2006, *PEC* had 176 manuscripts submitted. This is 22 more than last year's high mark (a 14% increase over the previous record high).

Some highlights of the volume included:

- "Focus" sections on Cardiac Arrest, EMS Transport (2), and EMS Medication Use.
- A Special Contribution from the CDC meeting of experts on Field Triage.
- Dr. Eisenberg's 2006 Shanaberger Lecture.
- A Model Asthma Protocol.
- The role of Tactical ICE after Katrina.
- An NAEMSP® Position Paper and source document on Drug Facilitated Intubation.

Most importantly, the Science Citation Index has accepted *PEC* for indexing. This will result in *PEC* receiving an "impact factor" (though this will take a few years). This is an accomplishment to be most proud of, and will help the journal grow.

PEC (once again) changed Managing Editors. Ashley Petrylak has replaced Kim Gordon. Taylor and Francis merged with Informa Healthcare. To date, these changes have been fairly transparent.

There continues to be exploration of the possibility of publishing and distributing a Spanish-language version of *PEC* (to be discussed at the *PEC* Editorial Board meeting in January). Additionally, evaluation of the pros and cons of going to a bimonthly publication continues.

NAEMSP® News

Under the direction of Cai Glushak, MD, NAEMSP's newsletter provides members with timely information and updates. 2006 was the first full year of electronic publication and distribution of the newsletter, although paper copies can be obtained by request from the executive office.

Improving Quality in EMS

Robert Swor, DO and Ronald Pirrallo, MD edited *Improving Quality in EMS*, second edition, which was published in 2005. The 246 page, 12 chapter book is a must-have, follow-up to the first edition for anyone involved in EMS quality management. The book is available to NAEMSP® members from Kendall/Hunt publishing for \$29.95 (www.kendallhunt.com/naemsp)

Prehospital Systems and Medical Oversight, Fourth Edition

Drs. Robert O'Connor, David Cone and Raymond Fowler have been selected as co-editors of the fourth edition of NAEMSP's comprehensive resource for medical direction. They will be overseen by an ad-hoc committee that will coordinate the business aspects of textbook publication. Tentative plans are for publication in 2008.

M E E T I N G S

2006 Annual Meeting

The 2006 NAEMSP® Specialty Workshops, Scientific Assembly and Trade Show was held at the Hilton El Conquistador in Tucson, Arizona on January 19- 21, 2006. The meeting was chaired by Dr. Paul Phrampus who was assisted by all of the members of the Program Committee.

- Pre-conference sessions included the EMS-C Pediatric Emergency Care Research Workshop and the NAEMSP® National EMS Medical Directors Course and Practicum®.
- Faculty members provided more than 16 hours of didactic content and more than 5 ½ hours of research presentations.
- Dr. Mickey Eisenberg presented the C.J. Shanaberger Memorial Lecture and Keynote Address.
- Dr. Raymond Fowler collaborated with the Tucson Fire Department to demonstrate video-teleconferencing possibilities from the field.
- Six hundred and fifty members, guests, and exhibitors attended the 2006 meeting, the largest in NAEMSP® history.
- Sixty-five exhibitors provided financial support for the association's education program by attending the Annual Meeting and purchasing exhibit space.

Board of Directors Mid-Year Meeting

The Board of Directors held its mid-year meeting in Detroit, Michigan on August 27-29. The meeting was made possible with generous support from GM On-Star™.

Other Meetings

During 2006, NAEMSP® presented the NAEMSP® Medical Director Overview Course in Halifax, Nova Scotia in June. Over 35 participants from all across Canada and the US attended this course.

Future Annual Meetings

- 2008 Annual Meeting: The Pointe Hilton Squaw Peak, Phoenix, Arizona; January 10-12.
- 2009 Annual Meeting: To be determined
- 2010 Annual Meeting: The Pointe Hilton Squaw Peak, Phoenix, Arizona; January 7-9

Executive Office Staff Listing

The NAEMSP™ Executive Office and staff e-mail address information is listed below for your reference.

General E-mail Address to reach staff: info-naemsp@goamp.com
Executive Director: Jerrie Lynn Kind
Association Manager: Stephanie Newman
Meeting Manager: Joyce K. Miller, CMP
Grants Project Director: Michael P. Flanagan, CAE
Association Assistant: Monica Evans-Lombe
Administrative Assistant: Heather Stroder

REPRESENTATIVES AND LIAISONS TO OTHER ORGANIZATIONS

AAP Pediatric Education for Prehospital Professionals (PEPP)
ACEP Task Force on Alternative Health Care Providers in Emergency Departments
Air Medical Physicians Association (AMPA)
Air & Surface Transport Nurses Association (ASTNA)
American Academy of Emergency Medicine (AAEM)
American Academy of Pediatrics (AAP)
American Ambulance Association (AAA)
American Board of Emergency Medicine (ABEM)
American College of Emergency Physicians (ACEP)
American College of Surgeons (ACS)
American Heart Association (AHA) Emergency Cardiovascular Care Committee (ECC)
AMPS Air Medical Transportation Conference
Association of Air Medical Services (AAMS)
Brain Trauma Foundation (BTF)
Basic Trauma Life Support International (BTLIS)
Centers for Disease Control and Prevention (CDC)
Center for Medicare and Medicaid Services (CMS)
ComCARE Alliance
Commission on Accreditation of Ambulance Services (CAAS)
Commission on Accreditation of Medical Transport Services (CAMTS)
Continuing Education Coordination Board for EMS (CECBEMS)
Cyanide Poisoning Treatment Coalition
E-911
Emergency Nurses Association (ENA)
ENA Task Force on Interfacility Transfer
Federal Emergency Management Agency (FEMA)
Federal Interagency Commission on EMS (FICEMS)
Health Resources and Services Administration (HRSA)
International Association of Fire Chiefs (IAFC)
International Association of Fire Fighters (IAFF)
NAEMT Advanced Medical Life Support Course
NATA Task Force on C-Spine
National Academies of Emergency Dispatch (NAED)
National Association of EMS Educators (NAEMSE)
National Association of EMTs (NAEMT)
National Association of State EMS Officials (NASEMSO)
National Athletic Trainers' Association (NATA)
National Fire Protection Agency (NFPA)
National Flight Paramedics Association (NFPA)
National Heart, Lung, and Blood Institute (NHLBI)
National Highway Traffic Safety Administration (NHTSA)
National Institutes of Health (NIH)
National Registry of EMTs (NREMT)
NSA Brain Attack Coalition
Society for Academic Emergency Medicine (SAEM)
United States Fire Administration (USFA)

NAEMSP ANNUAL AWARDS

Ronald D. Stewart Award

Daniel L. Storer, MD

Keith Neely Outstanding Contribution to EMS Award

Lawrence Brown, EMT-P

Friends of EMS Award

Robert Niskanen

EMS Fellowship Recognition Awards

Jonnathan Busko, MD – Carolinas Medical Center

Debra Lee, MD – Fire Department, City of New York

Michael Millin, MD – Oregon Health and Science University

2006 Abstract Awards

■ Best Scientific Presentation

Prospective Validation of a Termination of Resuscitation Guideline for Defibrillation-Trained Emergency Medical Technicians – Laurie Morrison, Sunnybrook & Women's College Health Science Centre and University of Toronto, Toronto, Canada

■ Best Poster Presentation

Paramedics Do Not Aggressively Medically Manage Patients with Severe Pulmonary Edema – Jeremy Cushman, University of Maryland, Columbia, Maryland

■ Best EMS Professional Research Presentation

Development of Evidence-Based Dispatch Response Plans To Optimize ALS Paramedic Response in an Urban EMS System – Alan Craig, Toronto EMS, Toronto, Canada

■ Best Pediatric Presentation

The Impact of an Educational Module on Prehospital Providers' Knowledge in Pediatric Pain Physiology, Assessment, And Management – Halim Hennes, Medical College of Wisconsin, Milwaukee, Wisconsin

■ Best Resident Fellow Presentation

Cardiopulmonary Resuscitation in an Out-of-Hospital Cardiac Arrest Simulation Model: The "Delay-Effect" of Donning a Gown – Leah Watson, University of Toronto, Toronto, Canada

■ Best Cardiac Arrest Research Presentation

Successfully Implementing Resuscitation Protocols into Clinical Practice – Amy Gutman, LSU Health Sciences Center, Shreveport, Louisiana

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