

two thousand thirteen

# 2013

National Association of EMS Physicians®

A N N U A L

R E P O R T



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What a year! I am proud to present to you the 2013 NAEMSP® Annual Report. The first thing that should jump out is that NAEMSP® is in great shape. Financially, we continue to be responsible, and we are growing reserve funds large enough so that Association is both financially secure and can start looking for opportunities to future endeavors.

As you look through the pages, you'll note two things about our committees:

- 1) The level of production and involvement by our committees is unprecedented. The strong leadership from our Committee Chairs is evident in the amount of work they produce as well as the fact that a large portion of the organization participates.
- 2) Our reach is far and wide. From the shores of Nova Scotia, through the Middle East and into Asia, NAEMSP® Committees have made an impact.

...But what's the real deal? NAEMSP® has finally reached a major goal. From Ron Stewart to Ron Pirrallo, our leadership has focused on moving our profession forward. That culminated this year in the delivery of the first examination and identification of the physicians Board-Certified in Emergency Medical Services.

Does this mean we have reached our goal and can "ride off into the sunset?" Of course not. NAEMSP® is your subspecialty society, and the creation of that subspecialty is a whole new world. If anything, our responsibility is greater and our goals are higher.

**NAEMSP® will be the lead authority in EMS.**

Ritu Sahni, MD, MPH  
NAEMSP President

## B O A R D O F D I R E C T O R S

*President*  
**Ritu Sahni, MD, MPH**  
Term through January 2015

*President-Elect*  
**Jane H. Brice, MD, MPH**  
Term through January 2015

*Secretary/Treasurer*  
**Kevin Mackey, MD, FACEP**  
Term through January 2015

*Immediate Past President*  
**Ronald G. Pirrallo, MD, MHSA**  
Term through January 2015

*Physician Members-at-Large*  
**David Slattery, MD**  
Term through January 2015

**J. Brent Myers, MD**  
Term through January 2014

**Ronald Roth, MD**  
Term through January 2014

**David K. Tan, MD, EMT-T, FAAEM**  
Term through January 2015

**Karen P. Wanger, MDCM, FRCPC, FACEP**  
Term through January 2015

**Allen Yee, MD**  
Term through January 2014

*Professional Member-at-Large*  
**Lynn J. White, MS**  
Term through January 2014

*Program Committee Chair*  
**Jon Rittenberger, MD**  
Term through January 2015

*Standards and Clinical Practice Committee Chair*  
**Derek Cooney, MD**  
Term through January 2015

**During the fall of 2013, the NAEMSP® membership elected the following individuals to the Board of Directors, each for a 2-year term beginning January 2014:**

*Physician Members-at-Large*

**Jeff Beeson, DO**  
**Michael Levy, MD**  
**Allen Yee, MD**

*Professional Member-at-Large*  
**Lynn J. White, MS**

Terms through January 2016

**2014 elections will be held during the fall for three Physician Members-At-Large, one President-Elect and one Secretary/Treasurer.**

## Committee Highlights

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

### Air Medical Services Committee

- Completed joint position paper on Appropriate and Safe Utilization of Helicopter Emergency Medical Services, written jointly with AMPA, ACEP, and AAEM. Paper published in *Prehospital Emergency Care* Volume 7, Number 4.
- Participated in AMPA Air and Ground Critical Care Consensus Metrics conference. The result will be an initial set of 20 simple metrics, with definitions and reporting mechanisms, enabling programs to measure performance in a number of key areas and compare their performance to other programs in a standardized way. Development and availability for use by stakeholders is anticipated for early 2014. The Committee anticipates other NAEMSP® committees (Quality Improvement, Standards and Clinical Practice) will become involved in this ongoing initiative.
- Development of repository for protocols, directives, and clinical practice guidelines. Initial steps are underway to form a repository, on the NAEMSP® SharePoint site, where individual agencies and relevant stakeholders can make available their protocols and related items, enabling others to adopt and adapt such items from existing services or systems. As this repository grows, the Committee may develop a working group to establish evidence-based reviews with levels of evidence and grades of recommendation for each protocol within the repository.
- Proposed inclusion of a presentation of the findings from the "Air Medical Services Research Agenda" initiative as part of the 2014 conference.

### Canadian Relations Committee

- Following the success of the inaugural event in 2012, the second annual "Distinctly Canadian Preconference" in January 2013, was a great success. This session allowed Canadian-focused presentations, discussions, and planning. The strength of the meeting is reflected in the multi-disciplinary membership: physicians, paramedics, allied professionals, and paramedic service leaders.

- Many of the Canadian Relations Committee members also met mid-year at the Canadian Association of Emergency Physicians (CAEP) meeting, which had a successful EMS track in Vancouver, BC, Canada, and the Paramedic Chiefs of Canada meeting in St. John, NB, Canada, both in June 2013.
- Committee members have been working hard on knowledge translation activities related to the implementation of the Canadian EMS Research Agenda and other Canadian Evidence-Based Medicine initiatives.
- This committee is represented well by some of the top EMS researchers, not just in Canada, but worldwide. Canadian research has been featured prominently at the NAEMSP® Annual Meetings and the Committee looks forward to another successful year of Canadian EMS research presentations.

### Communications Committee

- Archived previous NAEMSP® Dialog – can still be opened for discussions in the future – no new recent sessions.
- Website: minor tweaks; plan to improve ease of use, updates of position statements, searchability of position statements, medication shortages and other pertinent topics.
- Continuing to seek ideas on how to utilize social media, as well as topics to highlight on Web.
- Developing policy for submissions to the website and to social media.

### Community Paramedicine Committee

- The inaugural meeting of the Community Paramedicine Committee was extremely well attended, with over 70 members present at the meeting in Bonita Springs in January 2013.
- Following the committee meeting, a group met in Bonita Springs to discuss nomenclature of community paramedicine/ mobile integrated healthcare initiatives, leading to a multi-organizational meeting in Minneapolis in March 2013.
- NAEMSP®'s CP Committee was represented at this Minneapolis CP meeting and on the National Association of EMT's

Community Paramedicine Committee during the year.

- The CP committee worked with the Program Committee to include two CP presentations in the general sessions for the 2014 Annual Meeting.

### Council of EMS Fellowship Directors

The Council of EMS Fellowship Directors is pleased to report that as of this writing, 33 fellowship programs have been accredited by the Accreditation Council for Graduate Medical Education (ACGME). The programs and their directors are listed below. Facilitating conversations with ACGME and assisting programs in completing their accreditation documentation was the Council's primary project for the past year. While the final program requirements are unfortunately not what we had hoped for, and while it seems likely that newly accredited programs will encounter some challenges and difficulties as they begin training EMS physicians under these new requirements, the successful accreditation of roughly half of the nation's EMS fellowship programs is clearly a major accomplishment for our subspecialty. Several other programs are preparing applications now for the next "round" of accreditation. The Council will remain a forum for conversation among fellowship programs regarding issues of accreditation, education of fellows, etc.

- Programs accredited effective 10/1/2012 (10 programs)  
HealthPartners Institute for Education and Research Program: Ralph J. Frascione, MD  
Los Angeles County-Harbor-UCLA Medical Center Program: Marianne Gausche-Hill, MD  
North Shore-Long Island Jewish Health System Program: Douglas Isaacs, MD  
Orlando Health Program: George A. Ralls, MD  
SUNY Upstate Medical University Program: Derek R. Cooney, MD  
University at Buffalo School of Medicine Program: Brian Clemency, DO, MBA

Committee Highlights continued

University of New Mexico School of Medicine Program: Darren Braude, MD  
University of Texas School of Medicine at San Antonio Program: Craig Cooley, MD, MPH

University of Virginia Medical Center Program: Debra Perina, MD  
Washington University/B-JH/SLCH Consortium Program: William S. Gilmore, MD

- Programs accredited effective 7/1/2013 (19 programs)

Beth Israel Deaconess Medical Center Program: Jonathan Fisher, MD, MPH  
Carolinas Medical Center Program: Douglas Swanson, MD

Central Michigan University College of Medicine Program: Noel Wagner, MD  
Denver Health Medical Center Program: Aaron Eberhardt, MD

Medical College of Wisconsin Affiliated Hospitals, Inc Program: Mario R. Colella, DO, MPH

Newark Beth Israel Medical Center Program: Mark A. Merlin, DO

Ohio State University Hospital Program: Howard A. Werman, MD

San Antonio Uniformed Services Health Education Consortium Program: Robert L. Mabry, MD

University of California (San Francisco) School of Medicine Program: John F. Brown, MD

University of Cincinnati Medical Center/ College of Medicine Program: Jason McMullan, MD

University of Florida College of Medicine Program: Christine Van Dillen, MD

University of Massachusetts Medical School Program: Stacy N. Weisberg, MD, MPH

University of North Carolina Hospitals Program: Jane Brice, MD, MPH

University of Texas Health Science Center at Houston Program: Keith S. Gates, MD

University of Texas Southwestern Medical School Program: Kathy K. Rinnert, MD, MPH

UPMC Medical Education Program: Ronald Roth, MD

Vidant Medical Center Program: Jeffrey D. Ferguson, MD

Western Michigan University School of Medicine Program: William Fales, MD

Yale-New Haven Hospital Program: David Cone, MD

- Programs accredited effective 7/1/2014 (4 programs)

Detroit Medical Center Corporation Program: Robert B. Dunne, MD

Emory University School of Medicine Program: Alexander Isakov, MD, MPH

Hennepin County Medical Center Program: Jeffrey Ho, MD

University of Washington School of Medicine Program: Michael R. Sayre, MD

Education Committee

- Continue to work on an educational product covering TEMS and air medical for use by EMS fellowships.
- Worked with the Program Committee and the Council of EMS Fellowship Directors to create a new poster session, Innovations in EMS Fellow Education.

EMS Fellow and Fellowship Graduates Committee

- Disseminated information regarding EMS subspecialty certification to EMS fellows, fellowship applicants, fellowship graduates and fellowship directors.
- Facilitated additional learning and training opportunities for EMS fellows.
- Shared information among committee members to assist in the preparation of application materials for EMS fellowship accreditation.

Emergency Preparedness Committee

- Pre-conference planning – coordinated with Protection and National Preparedness (PNP) at FEMA and the Emergency Care Coordination Center (ECCC) at ASPR to bring an exciting pre-conference agenda to NAEMSP®'s Annual Meeting.
- Contributed to planning for the 2014 Annual Conference (plenary presentation by Mr. Edward Gabriel- Principal

Deputy, ASPR; also EMS and Public Health Preparedness – Learning from Each Other).

- Developing Position Papers and Reference Documents for:
  - Mass Gathering Medical Care
  - Medical Volunteers at Disaster Scenes
  - Survivor Response at Disaster Scenes
- Represented NAEMSP®/Emergency Preparedness Committee at national forums.
- Hospital Preparedness for Bombings and Mass Casualty Incidents Expert Panel Meeting (CDC).
- National Health Security Index draft review process (NACCHO).
- Roll-out ceremony – emergency operations planning guides for schools and houses of worship (ASPR).

Membership Committee

The Membership Committee serves to address multiple needs of the Association regarding membership issues across the Association. These needs generally include:

- Identifying the population of EMS professionals throughout the nation and our international partners who would benefit from the services and resources of the Association.

This potential population includes those involved in EMS medical oversight, administration, education and research of EMS systems and organizations at local, state and national levels.

- Identifying the needs of that population and channeling those needs to appropriate Association resources to meet the needs.

Specifically, the Membership Committee serves to:

- Identify potential members for the Association.
- Establish mechanisms for communication with and recruitment of those members.
- Identify additional potential benefits for new and existing members.

## Committee Highlights continued

This year, the committee has focused on identifying those persons eligible for subspecialty board certification in EMS who are not members and exploring methods of educating them on the benefits of NAEMSP® membership and recruiting them for membership. In addition, there has been interest and work on additional focus on the needs of physicians in training with interest in EMS. Finally, options for further recognition of existing members within the Association are being explored. Possibilities include:

- Expansion and support of local NAEMSP® groups.
- Recognition of career/life members of NAEMSP®.

### Operational EMS Committee

In January 2013 at the Annual Meeting, the various subgroups of the Operational EMS committee met separately, however the goal was to once again converge into an operational EMS committee. This included TEMS, FireGround and Operations. Wilderness will continue as a separate committee. These meetings generated interest in the high risk EMS response especially on the heels of Events in Aurora, Colo., and Newtown, Conn. Through the course of this year the TEMS subcommittee was called upon for feedback to the board on various procedures and policies including the so-called Hartford Consensus currently before the board.

- In addition successful development of a High Risk Pre-Conference learning class took place and will be conducted the Tuesday prior to this year's Annual Meeting in Arizona.
- Additional work continues on a FireGround resource document previously in work.
- Future projects anticipated will likely have continued focus on the EMS operational aspects of the high risk shooting type incidents, and development of positions and SOPs guidelines for general use and dissemination.
- Anticipate greater efforts at this year's meeting in the continued combining of the overlapping aspects of Operational EMS.

### Pediatrics Committee

- Worked with Program Committee to help develop agenda for 2014 Annual Meeting, contributed significantly to the upcoming 2014 Annual Meeting agenda, including the addition of 2 pediatric-focused preconferences.
- Worked with the Standards and Practice Committee to draft position statement focused on defining the Role of the Pediatric Clinical Coordinator for EMS systems.
- Worked with NASEMSO on Clinical Guidelines Project to create 6 pediatric specific guidelines and pediatric indications in >40 additional EMS clinical guidelines.
- Worked with national organizations on position statements and policy papers for Termination of Resuscitation in out of hospital Traumatic Arrest.
- Invited to participate in the Federal EMS for Children Performance Measure Advisory Committee to draft the next generation of EMS for Children State Partnership Grant Performance Measures.
- Increased awareness of NAEMSP® annual abstract presentations within the pediatric emergency medicine community to increase the number of pediatric abstract submissions.

### Public Health Committee

- Organization of webinar presentation on those aspects of ACA with implications for and pertaining to EMS, presented by a healthcare attorney with subject matter research experience.
- Committee chair representation on the 2014 NAEMSP® panel presentation of "Public Health and EMS in Emergency Preparedness and Response".
- Joint position statement and supporting document, "Mass Gathering Medical Care", in coordination with The Emergency Preparedness Committee, under consideration of Standards and Practice Committee.

### Quality Improvement Committee

- Project to develop an EMS QI resources page for inclusion on NAEMSP® website.
- Project to develop EMS performance indicators and submit to the National Quality Forum.

### Research Committee

- Reviewed 243 submitted abstracts for potential presentation at the 2014 annual meeting. This is an increase of 17% over last year.
- Accepted a total of 168 abstracts (16 orals, 120 paper posters and 32 electronic posters) for presentation at an acceptance rate of 69%.
- Revised scoring matrix in order to better assess qualitative research and systematic review/meta-analysis work, also provided feedback.

### Rural EMS Committee

- Submitted Letter to CMS on Ambulance Reimbursement issues specifically addressing the needs of maintaining the super-rural add-on reimbursement to maintain a safety net of rural ambulance services. Secondly, the letter addressed the proposed requirement of all ambulance services submitting cost analysis reports to CMS as an undue hardship on rural services and offered an alternative method of cost analysis.
- With assistance and support from the Paramedic Foundation, our Canadian and Australian colleagues, formed the International Rural and Remote Pre-hospital Collaborative, which meets monthly via webinar the third Monday of every month to discuss best practices and find common solutions to the challenges of recruitment and retention, financing, reimbursement and restructuring of EMS to respond to the changing environment of healthcare worldwide.
- Obtained draft approval of a journal article in "American Family Physician" relating to EMS and EMS board certification.

Committee Participation

**Air Medical Services  
Ad Hoc Committee**  
**Russell D. MacDonald**  
– Chair

Azeemuddin Ahmed  
Mohamed Al Busafi  
Nawfal Abdullah  
Algerian  
Abdulrahman Alqahtani  
Steve Andrews  
Lynthia B. Andrews  
Bowman  
Jonathan D. Apfelbaum  
Craig Bates  
Eric Bauer  
Eric H. Beck  
David Ben-Eli  
Eric Bentley  
Brendan C. Berry  
John Bianco  
Lauri D. Bolton  
Richard Neville Bradley  
Christopher Brooks  
Sara A. Brown  
James Bryan  
Todd Burgbacher  
Catherine L. Carrubba  
Jay Carter  
Elizabeth Char  
Michael Chia  
Michael Clark  
Brian Clothier  
John S. Cole  
M. Riccardo Colella  
Thomas E. Collins  
Alasdair K. Conn  
Marc Conterato  
Craig W. Cooley  
Patricio A. Cortes Picazo  
Josiah C. Daily  
Jack B. Davidoff  
Zach Dewar  
Harinder S. Dhindsa  
Thomas J. Doyle  
Constance J. Doyle  
Justin Fairless  
Ben Feinzimer  
William Ferguson  
Jeffrey D. Ferguson  
Douglas J. Floccare  
Pamela Frantz  
R.J. Frascione  
David French  
Christopher J. Fullagar  
Gregory Fuller  
Douglas Robert Gallo  
Wayne Gallops  
Garth A. Gemar  
Robert B. Genzel  
William C. Gerard  
Ryan Gerecht  
Robert T. Gerhardt  
Jay M. Goldman  
Jeff T. Grange

Brett S. Greenfield  
Mark Greenwood  
Francis Guyette  
Thomas Lamb Haltom  
Daniel G. Hankins  
Joseph Hansen  
Brendan Hawthorn  
William G. Heegaard  
David A. Hildebrandt  
Jeff Hillesland  
Michael T. Hilton  
William R. Hinckley  
Ryan Hodnick  
Josh Holland  
Joseph E. Holley  
Rick Hong  
Kevin C. Hutton  
Alexander P. Isakov  
Thomas P. Judge  
Michael A. Kaufmann  
Jonathan Keary  
Jacob B. Keeperman  
Jason A. Kegg  
David Kingfisher  
Jan R. Kornilow  
Jon R. Krohmer  
Scott Kunkel  
Dennis Laudon  
Dustin Leblanc  
Timothy Lenz  
George Lindbeck  
David A. Lindstrom  
Kevin Lobay  
Eric Lowe  
Jeffrey Lubin  
Joshua Lynch  
John Lyng  
John F. Madden  
Steven Maher  
Gerald E. Maloney  
Dawn M. Mancuso  
Craig Manifold  
Helenka Marcinek  
David Marcozzi  
Sean W. Marquis  
Peter S. Martin  
Christian Martin-Gill  
Sherry McCool  
Andrew McCoy  
James McKeith  
L Kendall McKenzie  
Ross E. Megargel  
Howard Mell  
Kevin Miller  
Bohdan M. Minczak  
Mischa Mirin  
Rick Murray  
Sarah Nafziger  
Todd A. Nelson  
Chadd Nesbit  
James R. Nossett  
Ryan Overberger  
Michael J. Pasirstein  
Michael B. Peddle

Debra Perina  
Richard Pescatore  
Timothy G. Price  
Mark Reeves Quale  
Anthony M. Raffino  
Taylor K. Ratcliff  
Marc Restuccia  
James Richardson  
James J. Rifino  
Albert Ritter  
Spencer F. Robinson  
David W. Ross  
Jose A. Rubero  
Ritu Sahni  
Ronald Salik  
Richard A. Schmitt  
Jonathan J. Schmitz  
David Schoenfeld  
David J. Schoenwetter  
Rebecca Schulman  
Hamilton P. Schwartz  
Charles W. Sheppard  
Keith H. Sherry  
David Skibbie  
Irvin E. Smith  
Steven J. Stroman  
David F.E. Stuhlmiller  
Eric R. Swanson  
Douglas R. Swanson  
Timothy S. Talbot  
Joseph Tennyson  
Stephen H. Thomas  
David P. Thomson  
Thomas W. Trimarco  
Atila Uner  
Richard A. Walker  
Alvin Wang  
Stacy N. Weisberg  
Howard A. Werman  
Stephen Wheeler  
Wendy Wilcoxson  
Dan Williams  
Kenneth A. Williams  
Gary L. Wingrove  
Christopher Wuerker  
Roy K. Yamada  
Allen Yee  
Ernest L. Yeh  
Neil Yoder  
Scott P. Zietlow

**Asian EMS Council**  
**Hideharu Tanaka** –  
Chair

Nawfal Abdullah  
Algerian  
Jerry A. Allison  
Michael Chia  
David C. Cone  
Craig W. Cooley  
Phillip L. Coule  
Mohamud Daya  
James Foster  
Robert B. Genzel  
Dae Han Wi

Jeffrey Ho  
Won Pyo Hong  
Ki Jeong Hong  
Tae Han Kim  
Kevin E. Mackey  
Juan A. March  
Francis Mencl  
Michael Mouri  
J. Brent Myers  
Marcus E. H. Ong  
Jerry Overton  
Ronald G. Pirrallo  
Penny E. Price  
Kyoung Jun Song

**Canadian Relations  
Ad Hoc Committee**  
**Michelle Welsford** –  
Chair

Mohamed Al Busafi  
Nawfal Abdullah  
Algerian  
Dug Andrusiek  
Andy Anton  
Nicholas Balfour  
Ryan Brown  
Robert Burgess  
Alix Carter  
Sheldon Cheskes  
Mike Chretien  
David C. Cone  
Heather Coombs  
Alan Craig  
Claude Desrosiers  
Zach Dewar  
Anthony DiMonte  
Richard Dionne  
Ian Drennan  
Charles Henry Duffy  
Adam M. Dukelow  
Doug Fenton  
Doug Ferkol  
Rick Ferron  
Leslie M. Fisher  
Rob Grierson  
Sean Hackett  
Kevin Hanrahan  
Anthony Herd  
Jan L. Jensen  
Gerald Lazarenko  
Sebastien Legare  
Paul R. Leslie  
Michael Lewell  
Kevin Lobay  
David G. Lyons  
Russell D. MacDonald  
Justin Maloney  
Jennifer J. McVey  
Michael Michalko  
Pete A. Morassutti  
Merideth Morrison  
Paul Myre  
Kelly Nash  
Michael K. Paul  
Michael B. Peddle

Ian Phelps  
Pierre J. Poirier  
Jason Prpic  
Paul Raffis  
Andrew Reed  
Andrew Robert  
John C. Ryan  
Damien Ryan  
Darren Sandbeck  
Brian Schwartz  
Eli Segal  
Doug Socha  
Nicole T. Sykes  
Andrew H. Travers  
Tarmo Uukkivi  
Richard Verbeek  
Darren Walter  
Karen Wanger  
Erin Weldon  
Kelvin Williamson  
Philip Yoon

**Communications  
Committee**  
**Kevin W. Sirmons** –  
Chair

Mohamed Al Busafi  
Nawfal Abdullah  
Algerian  
Michael Chia  
Patricio A. Cortes Picazo  
Gaston A. Costa  
Norris W. Croom  
James M. Cusick  
Constance J. Doyle  
Charles Henry Duffy  
Rick Ferron  
Elliot R. Fisch  
Jim Garland  
Garth A. Gemar  
Cai Glushak  
Mic Gunderson  
Thomas Lamb Haltom  
Ray K. Jennings  
Jason A. Kegg  
Joe Thomas Kofoed  
Jeffrey Lubin  
Salvatore Migliore  
Diana Neubecker  
Paul M. Paris  
Ritu Sahni  
Jonathan J. Schmitz  
Karen Wanger  
Gregory White  
Clement Yeh

**Community  
Paramedicine Ad Hoc  
Committee**

**Douglas F. Kupas/  
James Dunford** –  
Chairs  
Jerry A. Allison  
Louis Allyne  
Rob Almendinger  
Lynthia B. Andrews  
Bowman

Paul Barbara  
Eric H. Beck  
Jeff K. Beeson  
John Bianco  
R. Dan Bledsoe  
Sabina Braithwaite  
Ethan Brandler  
Isabel Brea  
Todd Burgbacher  
Jose G. Cabanas  
Marc Conterato  
Alan Craig  
Michael D. Curtis  
Steven Q. Davis  
Anthony DeMond  
Cassandra Donnelly  
David Faunce  
Ben Feinzimer  
John V. Gallagher  
Jay M. Goldman  
Jeffrey M. Goodloe  
Sean Hackett  
Julie Hall  
Eric Hawkins  
Kerry Hershberger  
Paul R. Hinchey  
James Howard  
Leo Hsu  
Jeffrey L. Jarvis  
Anne Marie Jensen  
Chuck Kearns  
Lucinda Klann  
David S. Kugler  
Brian LaCroix  
Julio R. Lairet  
Kim Landry  
Dennis Laudon  
Wayne Lee  
David A. Lindstrom  
Anuradha Luke  
Susan D. McHenry  
Joan Mellor  
Mary Mercer  
Kevin Miller  
David A. Miramontes  
Keith A. Monosky  
Brian Moore  
Hawnwan Philip Moy  
Kevin G. Munjal  
J. Brent Myers  
Ira Nemeth  
Patrick O'Brien  
Daniel O'Donnell  
Richard Pescatore  
John Quinlavin  
James J. Rifino  
Mike Saccucci  
Angelo A. Salvucci  
Randy Samuels  
Dean Sasek  
Paul Satterlee  
Kristen Schaezly  
David J. Schoenwetter  
Daniel S. Schwartz

John Serra  
Murry B. Sturkie  
Bridgette Svancarek  
Pete Tanghe  
Katie Tataris  
Alan Thompson  
Gerad Troutman  
Mark Turner  
Kevin Underhill  
Carin M. Van Gelder  
Veer Vithalani  
Gary E. Wiemokly  
Jefferson G. Williams  
John Wilmas  
Gary L. Wingrove  
Allen Yee  
Paul Zeeb

**Council of EMS  
Fellowship Directors**  
**David C. Cone** – Chair

Mohamed Al Busafi  
Edward A. Bartkus  
Eric H. Beck  
Richard A. Bissell  
Matthew Bitner  
Bryan E. Bledsoe  
Richard Neville Bradley  
Darren Braude  
Jane H. Brice  
John F. Brown  
Aaron Burnett  
Gerard Carroll  
Catherine L. Carrubba  
Brian Clemency  
John S. Cole  
Christopher B. Colwell  
Craig W. Cooley  
Derek R. Cooney  
Phillip L. Coule  
Jeremy T. Cushman  
Harinder S. Dhindsa  
Robert M. Domeier  
Michael Duchesneau  
Marc Eckstein  
Glenn Ekblad  
Eric Ernest  
William D. Fales  
Ben Feinzimer  
Jeffrey D. Ferguson  
Jonathan Fisher  
R.J. Frascione  
Joshua B. Gaither  
Marianne Gausche-Hill  
William C. Gerard  
Gregory H. Gilbert  
W. Scott Gilmore  
Cai Glushak  
Jeffrey M. Goodloe

Committee Participation

Jeff T. Grange  
Matthew Gratton  
Robert D. Greenberg  
Mark Greenwood  
Cynthia Griffin  
Lori Harrington  
Eric Hawkins  
Jeffrey Ho  
Christopher Hunter  
Alexander P. Isakov  
Jeffrey L. Jarvis  
Christopher A. Kahn  
Bradley Kaufman  
David P. Keseg  
Max D. Koenigsberg  
Julio R. Lairat  
Dustiin Leblanc  
Debra Lee  
Jason M. Liu  
Donald A. Locasto  
Jeffrey H. Luk  
Russell D. MacDonald  
Kevin E. Mackey  
Juan A. March  
Christian Martin-Gill  
Joshua Mastenbrook  
Stephen McConnell  
L Kendall McKenzie  
Michelle McLean  
John G. McManus  
Jason T. McMullan  
Russell McUne  
Kevin McVaney  
Francis Mencl  
Mark A. Merlin  
Kenneth T. Miller  
Michael G. Millin  
Bohdan M. Minczak  
Vincent N. Mosesso  
Sarah Nafziger  
Ira Nemeth  
Daniel O'Donnell  
Eric W. Ossmann  
Michael J. Pasirstein  
Michael B. Peddle  
Erin C. Peek  
Debra Perina  
David E. Persse  
Bruno Petinaux  
Ronald G. Pirrallo  
James J. Rifino  
Kathy J. Rinnert  
Robert A. Rosenbaum  
Ronald Roth  
Ritu Sahni  
Michael R. Sayre  
David J. Schoenwetter  
John Serra  
Manish N. Shah  
Salvatore Silvestri  
E. Reed Smith  
Mark Sparkman  
Karl A. Sporer  
Samuel J. Stratton

Margaret Strecker-  
McGraw  
Douglas R. Swanson  
Robert Swor  
David K. Tan  
Joseph Tennyson  
Christine Van Dillen  
Noel Wagner  
Richard A. Walker  
Kevin J. Weber  
Stacy N. Weisberg  
Kenneth A. Williams  
James Winslow  
Gerald Wydro  
Ernest L. Yeh  
**■ Education Committee**  
**W. Scott Gilmore –**  
**Chair**  
Beth Adams  
Mohamed Al Busafi  
David Alexandre Alcindor  
Nawfal Abdullah Aljerian  
Louis Allyne  
Hector Alonso-Serra  
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Kenneth Palazzo  
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Erin C. Peek  
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Andrew Reed  
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Mark Walker  
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Howard Mell  
Francis Mendl  
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Vincent N. Mosesso  
Hawnwan Philip Moy  
Kevin G. Munjal  
Jeffrey W. Myers  
Chadd Nesbit  
Diana Neubecker  
Christopher H.O. Olola  
Ryan Overberger  
David Page  
P. Daniel Patterson  
Richard Pescatore  
Jessica E. Pierog  
Christopher T. Richards  
James Richardson

Committee Participation

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Laurie Robichaud  
Jason Roosa  
Joseph Sabato  
Mike Saccocci  
Angelo A. Salvucci  
Josh Salzman  
Kristen Schaetzly  
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Clement Yeh  
Alexander Zozula

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Wayne Gallops  
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Daniel G. Hankins  
Joseph Hansen  
Theresa S. Hatcher  
Sanford Reginald  
Hawkins  
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Stanley Janasiewicz  
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L Kendall McKenzie  
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Wilford Mills  
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Ryan Overberger  
Paul M. Paris  
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Ismael Rivera  
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Mike Saccocci  
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David J. Schoenwetter  
Dana Sechler  
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J. Matthew Sholl  
Kevin W. Sirmons  
David Slattery  
Philip Sloan  
Chris Smith  
Michael J. Smith  
Irvin E. Smith  
Robert L. Smith  
Nicholas Sparrow  
Shaun St.Germain  
Steven J. Stroman  
Murry B. Sturkie  
Michael P. Sullivan  
James C. Suozzi  
Thomas W. Trimarco  
Richard Vermeer  
Amy Vertin  
James Vretis  
G. Scott Warner  
Keith Wesley  
Chelsea C. White  
Jenna White  
Michael R. Wilcox  
Kelvin Williamson  
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■ **Standards and Clinical Practice Committee**  
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Beth Adams

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Alcindor  
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Bowman  
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Will Bauscher  
Scott Beaudoin  
Eric H. Beck  
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R. Dan Bledsoe  
Bryan E. Bledsoe  
Sandy Bogucki  
Gail Bradley  
Asher Brand  
Ethan Brandler  
Lawrence Brown  
Adam Brown  
Rob M. Burns  
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Sean W. Marquis  
Shannon Marshall  
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Salvatore Migliore  
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Andrew D. Miller  
Kevin Miller  
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Vincent N. Mosesso  
Jeffrey W. Myers  
Diana Neubecker  
Marvin Eric Nix  
Robert L. Norton  
Ryan Overberger  
Kevin Pearl  
Richard Pescatore  
Jessica E. Pierog  
Jay H. Reich  
Paul D. Roman  
Paul Roszko  
Ronald Roth  
Mike Saccocci  
Jeffrey P. Salomone  
Joseph A. Salomone

Randy Samuels  
Dean Sasek  
David Schoenfeld  
David J. Schoenwetter  
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Brian Schwartz  
Charles W. Sheppard  
Keith H. Sherry  
Kevin W. Sirmons  
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Richard Vermeer  
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Darren Walter  
Henry E. Wang  
Scott Weir  
Keith Wesley  
Lynn J. White  
Jenna White  
Lynn K. Wittwer  
Arthur H. Yancey  
Ernest L. Yeh  
Paul Zeeb

■ **Wilderness EMS Committee**  
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Nawfal Abdullah  
Algerian  
Alice Almendinger  
Allen Autrey  
Janna E. Baker Rogers  
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Gerald Beltran  
David Ben-Eli  
Aseem Bishnoi  
Christopher Brooks  
Jonnathan M. Busko  
Dustin Joseph Calhoun  
Ryan Circh  
Amanda Clouse  
Heather Coombs  
Gregory C. Cover  
James M. Cusick  
Fabrice Czarnecki  
Paul Del Porto  
Anthony DeMond  
Harinder S. Dhindsa  
Glenn Ekblad  
Kevin Gibson  
John E. Gough  
Randal Gray  
Cynthia Griffin

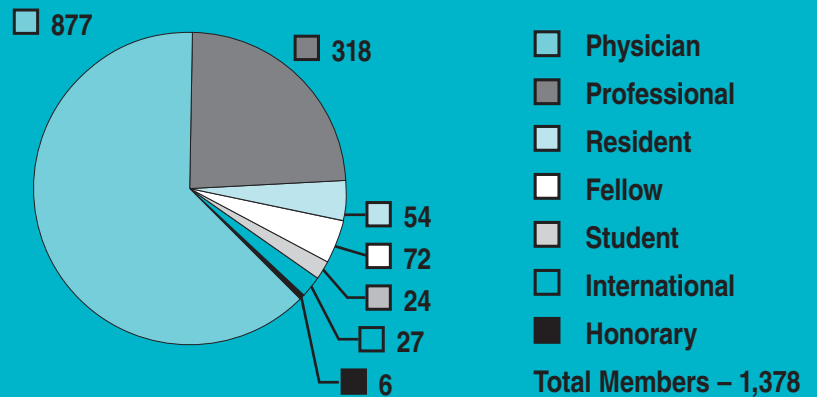
Thomas Lamb Haltom  
Kevin Hanrahan  
Seth Collings Hawkins  
Sanford Reginald  
Hawkins  
Ryan Hodnick  
Julie Houle  
Marc Houston  
Kermit Huebner  
Stanley Janasiewicz  
Emily Johnston  
Jeremy Joslin  
B. Duke Kimbrough  
Danita N. Koehler  
Joe Thomas Kofoed  
Hervy Kornegay  
Jon R. Krohmer  
Dustin Leblanc  
Kayla Long  
Sean W. Marquis  
Joshua Mastenbrook  
James McKeith  
Keith A. Monosky  
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Clifford J. Neal  
Ryan Overberger  
Kevin M. Payne  
Andre Pennardt  
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Elizabeth L. Phillips  
Timothy T. Pieh  
Jason Roosa  
Marc S. Rosenthal  
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Curtis C. Sandy  
Shira Schlesinger  
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J. Matthew Sholl  
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Philip Sloan  
Will R. Smith  
E. Reed Smith  
Lisa Steiner  
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Jon P. Strotkamp  
Jennifer Stuth  
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David K. Tan  
Alan Thompson  
Thomas W. Trimarco  
Elizabeth Weinstein  
Leonard Weiss  
Jenna White  
Kelvin Williamson  
Neil Yoder

**During 2013, NAEMSP®:**

- Held its Annual Specialty Workshops, Scientific Assembly and Trade Show in Bonita Springs, Fla., at the Hyatt Regency Coconut Point Resort. It was our largest attendance ever with 662 attendees.
- Completed external financial audit and currently in good standing.
- Published its 17th volume of *Prehospital Emergency Care*, including 532 pages.
- Elected, via electronic voting, three physician members-at-large and a professional member-at-large who take office in January 2014.
- Provided liaisons and representatives to dozens of organizations and EMS-related activities and conferences.
- Held its mid-year Board of Directors meeting in Portland, Ore.
- Members of the Board of Directors served on the Board of Directors for Advocates for EMS and participated in the fourth annual “EMS on the Hill” Day in Washington, D.C.
- Began preparations for presenting the NAEMSP®/ACEP EMS Subspecialty Certification Review Courses to be held in the fall of 2013; held a pilot course in May.

**MEMBERSHIP**

NAEMSP®’s membership has been stable over recent years. As of June 30, 2013, there were 1,378 members. The following graph details the various membership categories.

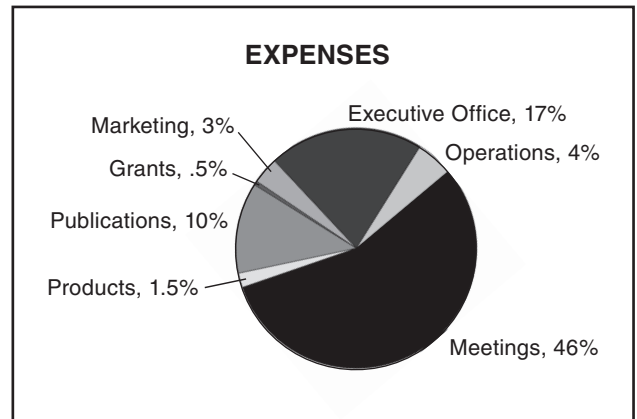
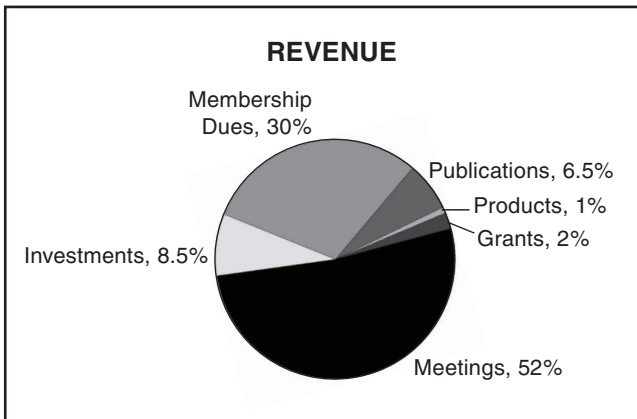


**MISSION STATEMENT**

NAEMSP® is an organization of physicians and other professionals partnering to provide leadership and foster excellence in out-of-hospital emergency medical services.



The following charts indicate sources of revenue and expenses for NAEMSP® through the fiscal year ending June 30, 2013.



### Financial Report

Strength: NAEMSP®'s financial position remains strong and growing through 2013. There are several reasons for this success. First, our organization has benefited from the wisdom preceding treasurers, most recently Dr. Jane Brice. Second, the economy continues to show signs of thawing from the deep freeze of a downtrodden economy, which translates to growth in our investments. And third, we continue to reap the benefits of a partnership with H.L. Zeve and Associates, who have helped us navigate these uncertain waters. In the end, shortly after the new budget year began in July 2013, your association had a full year's budget in investments/savings, which enabled all of us to move ahead with a multitude of important projects, some of which the members have already enjoyed, like a board prep course, a vibrant fellowship council and the birth of several new state chapters of NAEMSP®, to name a few.

NAEMSP® Accounting 101: NAEMSP®, your organization, draws from three main sources of income to drive its budget. Those incomes are, in order from most to least, the annual meeting, membership dues and investment income. The annual meeting accounts for half of the organization's annual income. The annual meeting continues to be wildly successful with innovative, cutting edge presentations from gifted national and international speakers. Membership dues drive the second largest chunk of the budget. As the subspecialty of EMS continues to grow, new members join the folds, which grows the organization and brings more benefits to all members. New leadership is continually recruited from within the organization to shape the future of EMS and NAEMSP®. On the expense side of the budget coin, the top three liabilities for the organization, again from most to least, are the annual meeting, administrative costs through our partnership with Applied Measurement Professionals (AMP), and our publication, PEC. The annual meeting, though provides the greatest income, also generates a large expense to bring the product that so many have enjoyed over the years. Second, AMP has been our partner and an advocate for over 15 years. In June of this year, the NAEMSP® Board of Directors enjoyed a presentation by AMP outlining NAEMSP®'s Return on Investment through our partnership with AMP, especially when it came to negotiating contracts for our

Statements of Financial Position June 30, 2013 and 2012		
Assets		
	2013	2012
<b>Current Assets:</b>		
Cash	\$ 493,632	\$ 503,440
Investments	971,839	646,317
Accounts receivable – general	15,147	7,889
Inventory	27,261	27,555
Prepaid expenses	15,644	35,293
<b>Total Current Assets</b>	<b>\$1,523,523</b>	<b>\$1,220,494</b>
<b>Property and Equipment:</b>		
Office equipment and furniture	11,646	11,722
Less accumulated depreciation	(10,520)	(11,365)
Net property and equipment	1,126	357
Intangibles: Trademarks	863	863
<b>Total Assets</b>	<b>\$1,525,512</b>	<b>\$1,221,714</b>

annual meeting. The board was quite impressed by the presentation and feels strongly our relationship with AMP is vital and necessary to continue the mission of the organization and to define the future of EMS medicine. We are pleased with our relationship with AMP. Finally, PEC continues to recruit talented investigators to contribute to an ever-increasingly popular journal that outlines and defines the true science of EMS.

Summary: The financial position and records of NAEMSP® as of June 30, 2013, as confirmed by an independent auditors' report, are in conformity with sound accounting principles. Our reserves remain strong and we have a sound investment policy. The Board of Directors thanks the many dedicated members of NAEMSP® whose financial support of their Association with their dues and meeting registration continue to be strong. The Board believes that this is a testimony that NAEMSP® provides each member with a value added experience professionally, scientifically, and socially.

# FEDERAL COOPERATIVE AGREEMENTS

## National Prehospital Evidence-Based Guidelines Strategy

In September 2013, NAEMSP® was awarded a cooperative agreement by the National Highway Traffic Safety Administration (NHTSA) in the amount of \$90,000 that will run through September 2015. Christian Martin-Gill, MD, MPH, NREMT-P is serving as the Principal Investigator for this project.

The objectives of the cooperative agreement are as follows:

This project will support the involvement of national EMS organizations in the development of a comprehensive written strategy describing a sustainable process to promote the development and implementation of evidence-based guidelines for prehospital care in the United States. The objectives of this project are:

1. Identify State, national, tribal, and local EMS stakeholder organizations whose missions include improving prehospital clinical care,
2. Develop mechanisms for the Grantee to build and sustain relationships among the identified EMS stakeholder organizations and encourage their participation in the development of the National Prehospital EBG Strategy,
3. Outline ways to expand existing opportunities to conduct scientific research supporting the development and implementation of EBGs and to develop opportunities to present research findings to diverse EMS stakeholder audiences,
4. Identify ways to promote interest in EBG development among emergency physicians, prehospital care providers, and EMS officials,
5. Identify pathways to promote the incorporation of newly developed EBGs into EMS education standards and continued competency training, and to stimulate the development of educational and training resources for use by EMS educators as well as by State and local EMS agencies, and
6. Promote the dissemination and implementation of EBGs through actions such as submitting guidelines to the National Guidelines Clearinghouse

To date, Dr. Martin-Gill has participated in a kick-off meeting with NHTSA and has assembled a steering committee which has met twice via conference call. Planning is underway for a stakeholder meeting which will be held on Saturday, January 18, in Tucson, Ariz., in conjunction with the 2014 NAEMSP® Annual Meeting. 46 individuals from both federal and non-federal organizations have been invited to attend.



## Prehospital Emergency Care (PEC)

### Editor's Report

2013 saw the completion of Volume 17 of *Prehospital Emergency Care (PEC)*. The volume had 532 pages. The January/March issue included 126 abstracts, which were presented at the 2013 NAEMSP® Annual Scientific Assembly.

In July PEC received its 2012 Impact Factor, which rose to an all-time high of 1.859. PEC is now ranked 6th of the 24 Emergency Medicine journals that are currently rated by the ISI Web of Knowledge. PEC ranks 7th out of the 15 EM journals that have a 5-year impact factor (PEC 5-year Impact Factor is 1.704). We are ranked 65/161 in the Public, Environmental, & Occupational Health category. PEC had a 2012 Immediacy Index, which indicates how rapidly articles that are published in PEC are cited in the same year, of 0.371. This ranks PEC 7th out of the 24 EM journals that are ranked in terms of being rapidly cited. PEC is placed ahead of such well-established journals as *Academic Emergency Medicine*, *Journal of Emergency Medicine*, *Pediatric Emergency Medicine*, *Emergency Medicine Clinics of North America*, *Canadian Journal of Emergency Medicine*, *Journal of Emergency Nursing*, and *European Journal of Emergency Medicine*.

The ISI Impact Factor system is not the only measure of a journal's influence. There are other services that rank journals' impact as well. SCOPUS has an alternative method. Its Scimago system produces an "H Index". By this method, PEC ranks 5th out of the 48 emergency medicine journals that are ranked by SCOPUS. Our strategic plan is to continue to advance in ranking. In order to accomplish this, we will need the continued support of NAEMSP® members via submission of their best work to PEC.

PEC continues to utilize iFirst electronic publication ahead of print. This allows more rapid publication as a service to PEC authors and readership. As of this writing, PEC was on again pace to receive a record number of submissions. The number of manuscripts submitted to PEC has increased every year since its inception. In terms of peer-review, PEC has an average time to first decision of 19 days. The acceptance rate of papers submitted to PEC is 30%, which is a record low. This is indicative of the health of the journal quality-wise, as it has become increasingly difficult to get published in PEC (i.e. the bar for quality continues to be raised).

Additional peer reviewers are always needed. This is especially true in the areas of pediatrics, trauma, education, qualitative research, EMS operations, and air medical services. Those interested should send an email of interest (citing area of expertise with a CV attached) to Dr. Menegazzi at [menegazz@pitt.edu](mailto:menegazz@pitt.edu).

Some of the highlights of Volume 17 included:

### Focus Sections

- Focus on Acute Myocardial Infarction and Acute Coronary Syndromes
- Focus on EMS Transport
- Focus on Emergency Dispatch
- Military Medicine
- International EMS (twice)

### Position Papers

- Appropriate and Safe Use of HEMS
- Withholding of Resuscitation for Adult Traumatic Cardiac Arrest
- EMS Spinal Precautions and Use of the Long Backboard

### Case Conferences

There were five Case Conferences published in this volume of PEC, which is a down a bit from 2012. This is a very nice forum for enabling prehospital providers and junior faculty to get published. We continue to encourage submissions to this section of the journal.

### Collective Reviews

- Mitigation and Prevention of Exertional Heat Stress in Firefighters
- Prehospital CPAP

### Abstracts

- Abstracts for the 2013 NAEMSP® Scientific Assembly

### NAEMSP® News

Under the direction of its editor, Joseph A. DeLucia, DO, FACEP, EMT-T, NAEMSP®'s quarterly newsletter continues to provide members with timely information and updates. Each issue is sent electronically to members via our E-News. It is available for download through our website.

## 2013 Annual Meeting

The 2013 NAEMSP® Annual Meeting: Specialty Workshops, Scientific Assembly and Trade Show was held at the Hyatt Regency Coconut Point Resort in Bonita Spring, Fla. The meeting was chaired by David Slattery who was assisted by all of the members of the Program Committee.

- Highlighted presentations included The National Drug Shortage in EMS, Patient Safety in EMS, Intubation/Hyperventilation Paradox
- Conducted several preconference offerings including NAEMSP® National EMS Medical Directors Course and Practicum, Wilderness EMS Medical Director Course, Advanced Topics in Medical Direction™, Emergency Preparedness and Response Workshop and a half-day EMS Fellowship Directors Forum
- More than 650 members, guests and exhibitors attended the 2013 Annual Meeting
- More than 50 exhibitors provided financial support for the association's education program by attending the Annual Meeting and purchasing exhibit space.
- Achievements from this meeting included:
  - NAEMSP® offered 53 hours in CME credit for Pre-Conference Workshops cumulative and 23.5 hours of CME credit for the Annual Meeting.
  - NAEMSP® made a profit of \$167,273.43 from this meeting.
  - Overall attendance remained the same as last year for this meeting; PreConference attendance grew by 45%

## Board of Directors Mid-Year Meeting

The Board of Directors held its mid-year meeting this year in June in Portland, Ore.

## Liaisons Meetings

- CEM 2013
- Advocates for EMS
- Asian Conference on Emergency Medicine
- Brain Attack Coalition
- Bystander Preparedness – National Stakeholder meeting
- CDC Trauma Triage meeting
- CoAEMSP meeting
- Commission on Accreditation of Allied Health Education Programs
- Commission on Accreditation of Medical Transport Systems
- Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS)
- Culture of Safety meeting
- EMS on the Hill Day
- EMS Today
- EMS Workforce Planning and Development Guidelines for State Adoption
- HHS/CDC EMS Stakeholder meeting
- IAFF EMS Medicare Section Summit
- JNEMSLF meeting
- Mass Care meeting
- NAEMSE Conference
- NAEMT Conference
- National Fallen Firefighters Foundation
- NFPA Technical Committee on EMS
- Pan-Asian Resuscitation Outcomes Study Meeting
- ROC Steering Committee meeting
- Spring EMS Section membership meeting
- Transportation Safety Advisory Group meeting

## Executive Office Staff Listing

The NAEMSP® Executive Office and staff email address information is listed below for your reference.

General email address to reach staff:  
[info-naemsp@goAMP.com](mailto:info-naemsp@goAMP.com).

Executive Director:  
Jerrie Lynn Kind

Grants Project Director/Association Manager:  
Stephanie Newman

Meeting Planner:  
Megan Finnell, CMP

Education Program Coordinator:  
Jody Shelton, EdD

Administrative Assistant:  
Diane Conner

## Future NAEMSP® Annual Meetings

January 22-24, 2015  
Hyatt Regency New Orleans  
New Orleans, La.

January 14-16, 2016  
Manchester Grand Hyatt  
San Diego, Calif.

January, 26-28, 2017  
Hyatt Regency New Orleans  
New Orleans, La.

January 11-13, 2018  
Manchester Grand Hyatt  
San Diego, Calif.

NAEMSP® was pleased to recognize the following individuals at our awards luncheon in Bonita Springs, Fla., in January 2013:

**Ronald D. Stewart Award**

Jeff Clawson, MD



**Keith Neely Outstanding  
Contribution to EMS Award**

E. Brooke Lerner, PhD



**Friends of EMS Award**

Kevin McGinnis



**EMS Fellowship Recognition Award**

Nawfal Aljerian  
University of Toronto

Judson Barkhurst  
University of Alberta

Eric Beck  
University of Chicago,  
Chicago Fire Department

Gerald Beltran  
Emory University

Dustin Calhoun  
University of Cincinnati

Gerard DeMers  
University of California San Diego

Jacob Keeperman  
Washington University in Saint Louis

Pamela Lai  
New York City Fire Department

James MacNeal  
Yale University School of Medicine

Kirstie McLelland  
University of Alberta

Mary Mercer  
University of California San Francisco

Michael Redlener  
New York City Fire Department

Thomas Trimarco  
University of Cincinnati

Lekshmi Vaidyanathan  
Emory University

Harry Wallus  
SUNY Upstate Medical University

**2013 Abstract Awards**

■ **Best Scientific Presentation**

**#12 BIOMECHANICAL ANALYSIS OF SPINAL IMMOBILISATION DURING PREHOSPITAL EXTRICATION: A PROOF OF CONCEPT STUDY**

Mark Dixon, Joseph O'halloran, Niamh Cummins, University College Dublin - Centre for Emergency Medical Science

■ **Best Cardiac Arrest Presentation** sponsored by



**#7 MODIFIED RANKIN SCORE AT HOSPITAL DISCHARGE IS PREDICTIVE OF ONE YEAR NEUROLOGIC FUNCTION IN SURVIVORS AFTER CARDIAC ARREST**

Marvin Wayne, David Tupper, Tom Aufderheide, Brian Mahoney, Robert Swor, Robert Domeier, Michael Olinger, Richard Holcomb, Cindy Setum, Ralph Frascone, Whatcom County EMS

■ **Best Disaster Research**

sponsored by



**#33 DEVELOPING A FUNCTIONAL GOLD STANDARD FOR MASS CASUALTY TRIAGE**

E Brooke Lerner, Courtney McKee, Charles Cady, David Cone, M. Riccardo Colella, Arthur Cooper, Phillip Coule, Julio Lairet, J. Marc Liu, Ronald Pirrallo, Scott Sasser, Richard Schwartz, Greene Shepherd, Raymond Swienton, Medical College of Wisconsin

■ **Best Student/Resident/Fellow Research**

**#9 ASSESSING THE ACCURACY OF COMPUTER ECG INTERPRETATION FOR IDENTIFYING ACUTE MYOCARDIAL INFARCTION**

Amy Kule, Stephanie Hang, Kelly Sawyer, Alfred Burris, Justin Trivax, Robert Swor, Oakland University William Beaumont School of Medicine

■ **Best EMS Professional Research**

**#31 EXPERIENTIAL AND RATIONAL CLINICAL DECISION-MAKING: A SURVEY TO DETERMINE DECISION MAKING STYLES OF PARAMEDICS**

Jan Jensen, Lisa Calder, Mark Walker, Andrew Travers, Walter Tavares, Asha Bienkowski, Pat Croskerry, Dalhousie University Division of EMS/Emergency Health Services

■ **Best Poster**

**#111 DOES PREHOSPITAL CONTINUOUS POSITIVE AIRWAY PRESSURE IMPACT THE RATE OF INTUBATION AND MORTALITY OF ACUTE RESPIRATORY EMERGENCIES?**

Sheldon Cheskes, Linda Turner, Sue Thomson, Nawfal Aljerian, Sunnybrook Centre for Prehospital Medicine





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