



# Year in Review

# 2014-15

## Mission:

AEMS shall facilitate continuous improvement of the diverse components of Emergency Medical Services for the Central Arizona Region, through an inclusive, collaborative, patient-focused, and comprehensive approach, to meet the changing

*Celebrating 40 Years of EMS Collaboration and Cooperation*

*1975-2015*

## ABOUT AEMS

Arizona Emergency Medical Systems, Inc. (AEMS), a 501(c)(3) non-profit, is a community-based volunteer organization dedicated to enhancing emergency medical services (EMS) and trauma care for the Central Arizona Region (which includes Maricopa, Gila, and Pinal counties).

Since 1975, AEMS has facilitated the collaboration of physicians, nurses, EMTs, paramedics, and hospital administrators to ensure that emergency medical care is delivered in a coordinated manner, and moreover, that it is meeting the needs of the public.

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## SUPPORTING SERVICES

**Management** As a non-profit organization, AEMS is managed by an active and involved Board of Governors and Executive Committee. The Executive Director is the only paid staff person who works in conjunction with the Board and Executive Committee to manage, coordinate, and implement the overall operations of the organization. To ensure organizational accountability, the AEMS Board of Governors, Executive Committee, and Executive Director regularly meet and communicate.

During 2014-15, six Board meetings were held. In October 2014, AEMS hosted its Annual Meeting with the Board of Governors to review the accomplishments of the previous year and to discuss and develop annual organizational goals. During 2014-15, six Executive Committee meetings were held.

**Financial Accountability** the AEMS Board of Governors is charged with ensuring that the financial resources of AEMS are properly and efficiently safeguarded, maintained, and used. The Board is also responsible for adopting management practices that foster and support the long term sustainability of the organization. To uphold the organization's financial health and integrity, a contracted accountant conducts a monthly review and reconciliation of AEMS' finances. Additionally, an annual Financial Review is conducted by Eckelberg and Wienshienk, an independent accounting firm.

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## PROGRAM AREAS OF FOCUS

**Education, Prevention, and Training** Education, training, prevention, and awareness activities are a cornerstone function of AEMS. During 2014-15, these activities included: the annual EMS Odyssey Conference; and six Functional Group meetings, which involved 50+ participants and promoted education through presentations of Topical Focus (discussion of current issues), Agency/Hospital and Program Profiles (Central Arizona Region information sharing), and Lunch N Learn (knowledge based learning).

**Planning, Community Outreach & Resources and Advocacy** Planning is an intrinsic part of AEMS' mission. It is a necessary tool to implement all of AEMS' activities from the Functional Group process to the Board level. Through collaboration and cooperation with the Central Arizona Region EMS and trauma care professionals, community outreach and resource coordination are a natural focus and outcome of AEMS' activities. Advocacy is crucial to the AEMS' mission as well as for its service to the State of Arizona. AEMS is charged with working together and advocating for the best practices of EMS and trauma care for the Central Arizona Region and statewide.

# 2014-15 AEMS BOARD OF GOVERNORS

## **Coy Amerson**

*Representative recommended by an Arizona fire districts association*

## **Rita Anderson, RN**

*Representative, active in emergency medical services,  
recommended by a professional association of emergency nurse*

## **Peggy Baker**

*\*AEMS Executive Director*

## **Janet Backers, RN**

*Representative of the administrations of hospitals,  
non-trauma center hospital*

## **Marcia Barry, RN**

*\*Secretary, AEMS Board of Governors  
\*Past Chair, AEMS Board of Governors*

## **Dan Bramble**

*One EMT - Paramedic (EMT-P),  
serving in predominantly non-administrative capacity*

## **Franco Castro-Marin, MD**

*Emergency Physician, Trauma Center Hospital*

## **Tom Cole**

*Representative from public employers of EMT's  
(population 50,000 - 500,000)*

## **Paul Dabrowski, MD**

*Representative recommended by  
a professional association of trauma surgeons*

## **Mark Essary**

*Representative from a rural EMS provider agency*

## **John Gallagher, MD**

*Physician recommended by  
a professional association of emergency physicians  
\*Chair, Patient Management Functional Group*

## **Garth Gemar, MD**

*Emergency physician from a non-trauma center hospital  
\*Vice Chair, AEMS Board of Governors*

## **Joe Gibson**

*Representative recommended by an Arizona ambulance association*

## **Tom Gordy, RN**

*Representative of the administrations of hospitals,  
trauma center hospital*

## **Todd Harms**

*Representative from public employer of EMTs  
(population greater than 500,000)*

## **Robert Londeree, MD**

*Emergency physician from trauma center hospital  
\*Chair, AEMS Board of Governors*

## **Julie Nunley, RN, MBA**

*Representative of the administration  
of non-trauma center hospital*

## **Sandy Nygaard**

*Ex-Officio Member  
Representative from an EMT training program  
\*Chair, Planning & Outreach Functional Group*

## **Ronalee Quarles**

*Representative from public employer of EMTs  
(population less than 50,000)*

## **Roy Ryals**

*\*Treasurer, AEMS Board of Governors*

## **Tracey Schlosser, RN**

*Nurse, acting as a prehospital care manager for their hospital  
employer, representing a non-trauma center hospital*

## **Alyson Welch**

*Citizen of the AEMS Region*

## **Mary White, RN**

*Nurse, acting as a prehospital care manager for their hospital  
employer, representing a trauma center hospital*

## **Laurie Wood, RN**

*Nurse, acting as a prehospital care manager for their hospital  
employer, representing a non-trauma center hospital*

*\*Executive Committee Member*

## FINANCIAL OVERVIEW

### Statement of Financial Position – June 30, 2015

ASSETS		LIABILITIES AND NET ASSETS	
Current Assets		Current Liabilities	
Cash and Cash Equivalents	\$200,266	Accrued Expenses	\$16,023
Receivables	5210	Deferred Income	7,525
Prepaid Expenses	2,159	Total Current Liabilities	23,548
Total Current Assets	207,635		
Equipment and software, at cost	\$5,509	Commitments	
Less: Accumulated Depreciation &	(2,610)		
Amortization	2,899		
<b>TOTAL ASSETS</b>	<b>\$210,534</b>	<b>Net Assets</b>	
		Unrestricted Net Assets	186,986
		Total Net Assets	186,986
		<b>TOTAL LIABILITIES &amp; NET ASSETS</b>	<b>210,534</b>

### Statement of Activities – June 30, 2015

UNRESTRICTED NET ASSETS		TEMPORARILY RESTRICTED ASSETS	
SUPPORT		Contracts	61,000
Membership and Non-Cash Contributions	\$72,714	Net Assets Released from Restrictions	(61,000)
Total Support	72,714	Increase in Temporarily Restricted Net Assets	-0-
REVENUE			
Registration and Vendor Fees	57,899	<b>TOTAL INCREASE IN NET ASSETS</b>	<b>6,395</b>
Interest Income	148		
Total Revenue	58,047	<b>NET ASSETS, Beginning of Year</b>	<b>180,591</b>
Total Support and Revenue	130,761	<b>NET ASSETS, End of Year</b>	<b>186,986</b>
NET ASSETS RELEASED FROM RESTRICTIONS	61,000		
Total Unrestricted Support, Revenue and Reclassifications	191,761		
EXPENSES			
PROGRAM SERVICES			
Education, Prevention, and Training	104,934		
Planning	31,121		
Community Outreach and Resources	15,056		
Advocacy	10,037		
Total Program Services	161,148		
SUPPORTING SERVICES			
Management and General	24,218		
Total Expenses	185,366		
Increase in Unrestricted Net Assets	6,395		

# EDUCATION • PREVENTION • TRAINING

## 2014-15 Functional Group Presentations

### Topical Focus

- EPIC Update - Bruce Barnhart, RN, Arizona Emergency Medicine Research Center, University of Arizona
- Medical Direction of EMS - Franco Castro-Marin, MD, FACEP, Scottsdale Fire Department and HonorHealth Scottsdale Hospitals
- LifeVest - April Boone, Zoll
- Operational and Fiscal Measures for CON - Maureen Brophy, Arizona Department of Health
- EMS Border Patrol Issues - Jim Belschner
- ProTECT Trail Results - Bruce Barnhart, RN, Arizona Emergency Medicine Research Center, University of Arizona
- Bruises, Burns, and Bite Marks - Leslie Quinn, MD, Banner Health System

### Lunch N Learn

- Challenges of Providing EMS in Rural Arizona - Kevin Todd, NREMT-P, Southwest Ambulance - Pinal County
- LVAD Patient Management - Jeff Dobberpuhl, RN, MS, CP, Mayo Clinic Hospital
- Prevailing and Emerging Viruses - Alisa Diggs-Gooding, PA-c, MPH, Maricopa County Department of Health
- Drugs of Abuse - Frank LoVecchio, DO, MPH, FACEP, ABMT, Banner Poison and Drug Information Center
- Effectively Managing Behavioral Health High Utilizers - Beckie Shauinger, MA, LAC, and Lori Milus, RN, MSN, Aurora Behavioral Health System
- Simulation Center - University of Arizona – Jim Rinehart

### Central Agency / Hospital Profiles

- MedEvent 911 - William D. McCluskey
- Arizona General Hospital - Kristen Hartzel and David Morro, MD
- Banner Goldfield Medical Center - Sandy Nygaard
- Observation Services for Children and Adolescents (OSCA) Program / St. Luke's Behavioral Health Center - Eureka Ragan and Luiz Gonzales
- National Association of Emergency Medical Technicians (NAEMT), Arizona Chapter - Kevin Todd

**Pediatric Disaster Response and Emergency Preparedness Pre-Conference** As part the 2015 EMS Odyssey Conference, a pre-conference training session was provided on June 4, 2015. Over 40 participants attended this pre-conference. This intensive four hour class addressed pediatric emergency planning and medical response for helping improve and enhance response to pediatric patients and their unique needs/considerations. Through the use of a case study, this class addressed aspects of community based disaster preparedness with specific discussions revolving around concepts of Reunification and Sheltering. The instructor of this training session was John Rinard, who has over 15 years of experience as a developer and instructor of Homeland Security Programs and Texas A&M Engineering Extension Service (TEEX).

## EDUCATION • PREVENTION • TRAINING

2015 EMS Odyssey Conference On June 5-6, 2015, AEMS hosted the 15<sup>th</sup> Annual EMS Odyssey Conference at the Desert Willow Conference Center in Phoenix, AZ. Over 200 EMS, trauma, and other healthcare professionals attended the event. Our general session highlights included presentations on: Arizona and National EMS history; stem cell therapy; K-9 emergency medicine; pediatric trauma; blunt force trauma from a rodeo perspective; the use of explosives in terrorist attacks; management of LVADs; trauma and the continuum of care; pregnancy problems; medical direction of EMS; geriatric trauma; new drugs of abuse; prevailing and emerging infectious disease; identifying and processing child abuse from the field; managing homelessness; and lessons learned from the Super Bowl.

This year we also coordinated a special public safety track to enhance EMS' relationship and work with law enforcement. This track included presentations on: tactical emergency casualty care in high threat environments; rescue task force response to active shooting/active killing events; explosive recognition and safety training; and border patrol EMS.

A special thank you to all our wonderful presenters for their time, expertise, and experience shared:

Lynn Browne-Wagner, RN, MSN; Richard Narad, DPA, JD, FACHE; Nabil Dib, MD, MSc, FACC; Wayne Svoboda, DVM; David Tellez, MD, FCCM; Jim Boise, RN; Paul Harnish; John Rinard; Allen Wolfe, Jr., MSN, RN; Rogelio Martinez, MPH; Barbara Wood, RNC-OB; Franco-Castro-Marin, MD, FACEP; Alicia J. Mangram, MD, FACS; Mark Anderson, EMT-P; Rebecca Sunenshine, MD; Dale Woolridge, MD, PhD; Tony Vazquez; John Gallagher, MD, FAAEM, FACEP; Tom Cole; Gary Benson; Keith Fehr, MS, CHFM; Gabe Gabriel, RN; Andy McDonald; Steve Rackley; and James Belschner.

As the result of the generous financial assistance and contributions made to the AEMS Scholarship Fund, the registration fees were waived for ten participants of the 2015 EMS Odyssey. Thanks to assistance from the Arizona Department of Health Services, Bureau of Women's and Children's Health, ten scholarships were awarded to rural providers and three scholarships were awarded to nurses. Contributors also helped us underwrite the Pediatric Disaster Response and Emergency Preparedness Pre-Conference for forty-five participants.

### **2015 EMS Odyssey Rural Scholarship Contributors**

**Marcia Barry, RN**

**Tom Cole**

**Paul Dabrowski, MD**

**Sandy Nygaard**

### **All the “Bucket” Contributors**

**National EMS Museum** In celebration of our EMS history, AEMS was pleased to welcome the National EMS Museum and its Traveling Exhibit as part of this year's EMS Odyssey Conference. The non-profit National EMS Museum is dedicated to memorializing and commemorating the history of EMS and the individuals and organizations that provide emergency care to the sick and injured. The Traveling Exhibit provided our conference participants with the opportunity to explore the National EMS Museum's collections from EMS of yesteryear. Moreover, participants were able to gain a better understanding of EMS' evolution through the examination of antiquated communications equipment, material on the beginnings of EMS management and organizations, and dated training videos.

## PLANNING • COMMUNITY OUTREACH & RESOURCES • ADVOCACY

40<sup>th</sup> Anniversary AEMS reached a significant milestone in 2015; the organization turned 40. Special thanks to all past and present volunteers, contributors, and participants for your involvement with and support of AEMS throughout these past 40 years.

### **Here are a few highlights from AEMS history:**

- In the beginning, the organization was originally called Valley Emergency Medical Services, Inc., and its membership was restricted to hospitals in Maricopa County, with 12 hospital administrators forming the Board of Directors. During this time, the organization was involved with coordinating five training programs.
- A few of the founding leaders included Reginald Ballantyne (Memorial Hospital), Joseph Prekup (Good Samaritan), Raymond Leitner (John C. Lincoln Hospital), Glenn Jones (Desert Samaritan), Peter Martin (Mesa Lutheran), Richard Schmidt (Phoenix General), S.F. Farnsworth (Maricopa County General), Joseph Horner (Scottsdale Memorial), Robert Raatjes (Phoenix Baptist), and Raymond Tate (Good Samaritan).
- Standing committees were incorporated in 1976 – they were changed to Functional Groups in 1999.
- The organization's name changed to Arizona Emergency Medical Systems, Inc. in 1977.
- The Vertical Categorization Matrix was developed by AEMS in 1987.
- State funding of the regional councils began in 1985.
- In 1989, membership dues were instituted to supplement state funds.
- The development of the Regional EMS Directory (aka RED Book) began in 1993 with the implementation of prehospital treatment and triage guidelines, revised standing orders for paramedics and IEMTS, protocol-based medical direction, and the pediatric critical care guidelines.
- In 1993, the AEMS organization was restructured and new bylaws are drafted to include rural providers and facilities.
- In 1999, the AEMS website was published.
- In 2001 AEMS implemented the Primary Stroke Center Survey, which was the initial step in creating the Central Region's Stroke Centers.
- In 2001 the first EMS Odyssey Conference was coordinated at the Buttes Resort in Tempe, Arizona.
- In 2003, AEMS drafted diversion guidelines in response to the overcrowding of emergency rooms. These guidelines would later become part of a diversion controversy in 2006.
- The Aces of Hearts program became the name for AEMS' EMS recognition program in 2008.
- In 2009, Lunch & Learn, Topical Focus, and Central Region Agency/Hospital profile are incorporated into Functional Group agenda to add more focus on education, current issues and program sharing.
- In 2011, AEMS categorizes the first emergency Satellite Center.
- In 2013, The Spinal Motion Restriction (SMR) protocol was approved and added to the AEMS RED Book - Chapter 3, Part I, Standing Orders for Paramedics. The SMR protocol was created to enhance the way EMS providers evaluate and treat trauma patients.
- During May 2013, AEMS was pleased to host a cultural exchange meeting with Dr. Ariunbold Sakhya, the Deputy Director of EMS, for the Center of Ulaanbaatar City in Mongolia.
- As part of the 2014 EMS Odyssey, the first Murse Award was presented posthumously, to John Samson, RN, CFRN, FP-C. This award was established to recognize an EMS professional or volunteer for their inspiration and contribution to education and community involvement. Murse signifies the combined compassionate spirit of a medic and a nurse.

## PLANNING • COMMUNITY OUTREACH & RESOURCES • ADVOCACY

Categorization During 2014-15, the Categorization Committee's major activities involved:

1. The completion of the Categorization Matrix was a primary focus. The questionnaire was integrated into AEMS website so that the resource data could be permanently stored and more conveniently changed as necessary. Thirty-eight Central Region hospitals and three satellite emergency centers completed the Categorization Questionnaire process. Their resources will now be updated and published in the RED Book.
2. The review and communication of additional changes relating to various Central Region facilities including:
  - The opening of two new Central Region Level I Trauma Centers – Chandler Regional Medical Center and Abrazo West Campus
  - The opening of two new Central Region hospitals: Arizona General Hospital and St. Joseph's Westgate Medical Center
  - The closing of women and infant services at Abrazo Maryvale Campus
  - The numerous name changes of various facilities including:

Abrazo Arizona Heart Hospital	Banner University Medical Center – Phoenix
Abrazo Arrowhead Campus	HonorHealth Deer Valley Medical Center
Abrazo Central Campus	HonorHealth John C. Lincoln Medical Center
Abrazo Maryvale Campus	HonorHealth Scottsdale Osborn Medical Center
Abrazo Scottsdale Campus	HonorHealth Scottsdale Shea Medical Center
Abrazo West Campus	HonorHealth Scottsdale Thompson Peak Medical Center
Banner Casa Grande Medical Center	
3. Extensive discussions pertaining to the rapid expansion of satellite emergency centers and issues concerning their categorization.

Thank you to Dr. Robert Londeree for his leadership of the Categorization Committee and for the contributions of all its members.

**RED Book (Regional EMS Directory)** The RED Book continues to serve as important resource tool for field EMS and trauma personnel. As a “living document,” the RED Book requires frequent updates and changes. During 2014-15, RED Book changes included: clarification, cleaning, re-organization of individual pages, and changing wording from “victim” to “patient.” Major changes included: adding Ketamine to RSI, Sedation, and drug profiles, creating an ALTE off-line, added pain scales to appendix, adding special equipment requests to Courtesy Notification Page, and removing the “contact online medical direction to administer mag use for pediatric respiratory distress.

The RED Book Committee meets quarterly to discuss current evidence based science and re-evaluate current protocols for practicality, effectiveness and scientific recommendations. Special thanks to Alyson Welch, Chair of RED Book Committee and the committee members for their contributions in revising and maintaining this document.

### Regional Emergency Medical Services Coordinating System

Central Regional EMS Council for the Arizona Department of Health Services (ADHS) On behalf of the State of Arizona, AEMS serves as the Regional Emergency Medical Services Coordinating System for the Central Arizona Region. AEMS continues to have a productive and successful partnership with ADHS and maintains representation on and active involvement with numerous state committees and initiatives concerned with EMS, trauma, disaster preparedness, stroke, pediatric, community paramedicine, and other pertinent issues.

## PLANNING • COMMUNITY OUTREACH & RESOURCES • ADVOCACY

The Southeast Sector Diversion Oversight Committee (SESDOC) The SESDOC has had a very eventful year. In general, Diversion activity in the SE Sector has been well-controlled except for a fairly profound seasonal spike in activity for January-March, which was exacerbated by construction activities at a few key facilities. Episodes of simultaneous diversions, except for January 2015 (see below), have been minimal and sporadic.

However, it appears that at least four facilities in the Sector are having problems meeting the longstanding established threshold of accomplishing at least 90% of off-loads in 30 minutes or less. The facilities that are on the borderline in this regard are still offloading at least 85% in less than 30 minutes, plus they have expressed concern that the figures in the main database followed are skewed because of improper documentation of transfer of care time by certain private ambulance medics. This is an investigation in progress, and in any event any delay in off-loads doesn't seem to be resulting in impediments to the system as a whole.

A great emphasis has been placed on tracking Behavioral Health Holds (BHH's) in EDs and how this might relate to proclamation of Diversion or Caution status on the EMResource system. Modifications to the system, as suggested by the SESDOC, have resulted in drop-down windows to allow a stressed ED to document the number of BHH's at the time of duress. Presumptively this might provide ADHS an additional way to monitor the BHH issue. Mickey Kovach, RN, and others on the SESDOC continue to refine the Banner-generated data set to include other hospital chains and the specific pediatric/adolescent population.

### Specific data points of interest:

Sector Diversion Hours	Simultaneous Diversions:
monthly maximum: 178 in 1/2015, Minimum: 3 in 6/2015 <ul style="list-style-type: none"><li>o 10/2014 18</li><li>o 11/2014 10</li><li>o 12/2014 4.2</li><li>o 1/2015 178</li><li>o 2/2015 115.5</li><li>o 3/2015 101.5</li><li>o 4/2015 16.5</li><li>o 5/2015 19.5</li><li>o 6/2015 3</li><li>o 7/2015 29</li><li>o 8/2015 20.5</li><li>o 9/2015 11</li></ul>	<ul style="list-style-type: none"><li>o 1/5/2015 6 hours (2 facilities)</li><li>o 1/6/2015 14 hours (5)</li><li>o 1/14/2015 2 hours (2)</li><li>o 1/19/2015 2 hours (2)</li><li>o February 2015 1 hour (2)</li><li>o March 2015 4 hours (2)</li></ul> <ul style="list-style-type: none"><li>▪ Sector-wide mean off-load time: &lt;20 minutes. Mostly 16 +/- 2.</li><li>▪ BHH's sitter hours in Banner facilities (7) (2015 only): 99,391</li><li>▪ # BHH's in Banner facilities 2015: 5284</li><li>▪ Sitter hours per patient: 18.8</li></ul>

Future Activities: At the last meeting of SESDOC it was discussed at some length that tracking raw numbers of Diversion hours might not be an appropriate use of resources and that some other metric be utilized to identify overwhelmed EDs. The point was made that some hospital administrations have forbidden their EDs to go on diversion and that most SE Sector EMS agencies have proclaimed that they technically don't honor diversion status, although all agree there are informal efforts to reappportion patients away from temporarily heavily stressed EDs. Perhaps a better indicator would be the trend in mean off-load times, as it appears that when that time gets above 20 minutes a facility in general has difficulty offloading in under 30 minutes, no matter what database is queried. The SESDOC will work within its membership, with the Board of Governors and the Executive Committee to continually reassess the metrics the SESDOC follows. The SESDOC will continue to follow the trends in BHH's and assess the impact of this patient population on the proclamation of diversion or cautionary status.

A special thank you to Dr. Garth Gemar and Chief Mary Cameli for their SESDOC leadership and for the contributions of all committee members.

## RECOGNITION

**Service Awards** In recognition of two individuals and one hospital and affiliated system for their outstanding contributions to the AEMS organization, the Service Awards were presented during the Annual Meeting of the AEMS Board of Governors on October 16, 2014

Congratulations and a special thank you to:

- **Franco Castro-Marín, MD**  
*Scottsdale Fire Department  
HonorHealth Scottsdale Hospitals*
- **David Harden, JD**  
*Arizona Department of Health Services*
- **St. Luke's Medical Center & IASIS Healthcare**

**Aces of Hearts** In recognition of outstanding EMS, trauma, and other healthcare professionals serving the Central Arizona Region, the Aces of Hearts awards were presented during the EMS Odyssey Conference on June 6, 2015. Additionally, a special Heart to Heart award was presented to one individual for her extraordinary lifesaving service performing CPR. We also presented our second annual Murse Award to recognize an EMS professional for her inspiration and contribution to education and community involvement. Murse signifies the combined compassionate spirit of a medic and a nurse.

### Congratulation to the 2015 Aces of Heart Recipients

- |  |  |   |
|--|--|---|
| • <b>Gary Bernard</b><br><i>Peoria Fire and Medical Rescue Department</i>                    | • <b>Derric Crandell</b><br><i>Southwest Ambulance</i>                 | • <b>Melissa Meryhew</b><br><i>Banner Goldfield Medical Center</i>  |
| • <b>Dennis Bluth</b><br><i>Banner Desert Medical Center</i>                                 | • <b>Karla Good, RN</b><br><i>St. Luke's Medical Center</i>            | • <b>Greg Nottingham</b><br><i>Maricopa County Sheriff's Office</i> |
| • <b>Kathy Brown, RN</b><br><i>HonorHealth John C. Lincoln Medical Center</i>                | • <b>Bonnie Jo Halvorson</b><br><i>Pleasant Valley Fire Department</i> | • <b>Kim Packebush</b><br><i>Phoenix Fire Department</i>            |
| • <b>Brad Butler, MD</b><br><i>AZ ITLS</i>   | • <b>Andy Jou, DO</b><br><i>Tempe St. Luke's Medical Center.</i>       | • <b>Dawn Polkabla, RN</b><br><i>Banner Baywood Medical Center</i>  |
| • <b>Clarissa Chapman</b><br><i>Pinal County Sheriff's Office<br/>Search and Rescue Team</i> | • <b>Merilee Larson</b><br><i>Banner Ironwood Medical Center</i>       | • <b>Eric Tarr</b><br><i>Arizona Department of Public Safety</i>    |
| • <b>Jarret Cline</b><br><i>Payson Fire Department</i>                                       | • <b>Steve Mann</b><br><i>Goodyear Fire Department</i>                 |   |

2015 Heart to Heart Award Recipient  
**Audrey Miller**

2015 Murse Award Recipient  
**Lynn Browne-Wagner, RN, MSN**

## SUPPORT

2015 MEMBERSHIP CAMPAIGN AEMS depends on organization (agency/hospital) membership dues as a primary source of revenue for its continued operation. Membership dues contribute to over half of AEMS' administrative and program budgets. AEMS met its 2015 membership goal of \$55,000. Thanks to all those who assisted with securing the financial support of their agency/hospital – AEMS appreciates your help in reaching our goal. Special thanks to all the hospitals and agencies listed below – your continued support is appreciated. We are also grateful for all the individuals whom contributed to this year's campaign.

### **A Special Thank You to Our 2015 Dues Paying Member Organizations and Individual Contributors**

Air Evac Services	Life Line Ambulance
<b>Abrazo Arrowhead Campus</b>	<b>MIHS /Maricopa Medical Center</b>
*** <b>Abrazo Central Campus</b>	<b>Maricopa Fire Department</b>
<b>Abrazo Peoria Emergency Center</b>	<b>Mountain Vista Medical Center</b>
Abrazo Maryvale Campus	<b>North County Fire &amp; Medical District</b>
**** <b>Abrazo Scottsdale Campus</b>	<b>Peoria Fire and Medical Department</b>
**** <b>Abrazo West Campus</b>	*** <b>Phoenix Children's Hospital</b>
<b>American Medical Response of Maricopa</b>	<b>Phoenix Fire Department</b>
Arizona General Hospital	**** <b>Pima Medical Institute</b>
**** <b>Avondale Fire-Rescue</b>	**** <b>Queen Creek Fire and Medical Department</b>
Banner Boswell Medical Center	<b>Rural/Metro Central Arizona</b>
**** <b>Banner Casa Grande Medical Center</b>	<b>St. Joseph's Hospital and Medical Center</b>
*** <b>Banner Desert Medical Center</b>	<b>St. Luke's Medical Center</b>
**** <b>Banner Estrella Medical Center</b>	<b>Scottsdale Fire Department</b>
Banner Gateway Medical Center	<b>Sun City Fire and Medical Department</b>
Banner Goldfield Medical Center	<b>Sun Lakes Fire District</b>
Banner Ironwood Medical Center	<b>Surprise Fire-Medical Department</b>
Banner Thunderbird Medical Center	<b>Tempe St. Luke's Hospital</b>
*** <b>Banner University Medical Center - Phoenix</b>	*** <b>Tonto Basin Fire District</b>
Black Canyon Fire District	*** <b>Whispering Pines Fire District</b>
*** <b>Buckeye Valley Fire District</b>	<b>Wickenburg Community Hospital</b>
Casa Grande Fire Department	
<b>Chandler Fire Department</b>	
**** <b>Chandler Regional Medical Center</b>	*** <b>Membership Dues Paid for 2014 &amp; 2015</b>
Circle City Morristown Fire District	
Cobre Valley Regional Medical Center	**** <b>Membership Dues Paid for 2015 &amp; 2016</b>
**** <b>Crisis Response Network</b>	
Eloy Fire District	
Gila River EMS	
Gila River Fire Department	
Gilbert Fire and Rescue	
*** <b>Gisela Valley Fire District</b>	
Glendale Fire Department	
Globe Fire Department	
Goodyear Fire Department	
Hellsgate Fire District	
HonorHealth Deer Valley Medical Center	
HonorHealth John C. Lincoln Medical Center	
HonorHealth Scottsdale Osborn Medical Center	
HonorHealth Scottsdale Shea Medical Center	
HonorHealth Thompson Peak Medical Center	
Houston Mesa Fire District	

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### 2015 Individual Contributors

<b>Norman Bernstein</b>
<b>Paul Dabrowski, MD</b>
<b>Mark Essary</b>
<b>Garth Gemar, MD</b>
<b>Joe Gibson</b>
<b>Robert Londeree, MD</b>
<b>Roy Ryals</b>
<b>Jeffrey Salomone, MD</b>
<b>John Valenzuela</b>

## SUPPORT

Additional Resource Support AEMS is an organization with limited funding. During 2014-15, we received an estimated **\$7,695.00 of in-kind donations**. AEMS is grateful to all those agencies and hospitals that have provided in-kind and other resource support

### In-Kind Donations

- St. Luke's Medical Center (Board meeting and Functional Group meeting space and lunches)
- Air Evac (EMS Odyssey CE coordination)
- Cardiac Science (\$200 Gift Card for EMS Odyssey Scavenger Hunt prize)
- All agencies, hospitals, and individuals whom provided gift baskets and other prize donations for the EMS Odyssey conference.

### 2015 EMS Odyssey Sponsors

- |  |  |
|--|--|
| • <b>Abrazo Community Health Network</b> | • <b>Dignity Health</b>  |
| • <b>Air Evac Services</b>               | • <b>HonorHealth</b>   |
| • <b>American Medical Response</b>       | • <b>IASIS Healthcare</b>  |
| • <b>Banner Health</b>                   | • <b>Native Air and Life Net</b><br><b>A Division of Air Methods</b> |

### 2015 EMS Odyssey Exhibitors

Abrazo West Campus – Level 1 Trauma Center; AMB – Ambulance Medical Billing; Arizona Department of Health Services; Arizona Department of Transportation; Arizona Emergency Nurses Association; Aurora Behavioral Health; BK Ultrasound; Bound Tree Medical; Brady/Pearson; Cardiac Science Corporation; Crisis Response Network; Digital Ally, Inc. EMS University; Enerspect Medical Solutions; First Line Technology; GE Healthcare; Genentech; Grand Canyon University; Hartwell Medical LLC; Intermedix; Life-Assist, Inc; National EMS Museum; OxySure Systems, Inc.; Phoenix Children's Hospital; Pima Medical Institute; Solid Landings Behavioral Health; SRC Medical; Stryker; Teleflex; University of Arizona College of Medicine, Simulation Center; and Zoll

**Volunteer Hours** Volunteers are one of AEMS greatest resources. Such "people power" is the driving force behind all of AEMS' accomplishments. During 2014-15, approximately **3,354.5 volunteer hours** were donated to the organization. While this number is based on meeting attendance sheets and some conjecture, it represents a conservative estimate of the total time donated by AEMS volunteers.

Here is the breakdown of the AEMS volunteer hours:

- **Board of Governors = 522.5 hours**
- **Executive Committee = 246 hours**
- **Functional Group (including Committees and Task Forces) = 1607 hours**
- **EMS Odyssey Conference Committee = 901 hours**
- **Education/Training Presenters = 78 hours**

**Thank you to all AEMS volunteers for their time, dedication, and continued support!**