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# LETTER FROM THE PRESIDENT

Dear Friends,

Thank you for your continuing support of the AMR Foundation for Research and Education. For the past six years, our mission has remained the same—to support EMS education and training, as well as lead initiatives focused on improving patient care that contribute to the health and wellbeing of our communities.

In 2017, because of our generous donors, we provided over \$140,000 in educational grants and sponsored Sudden Cardiac Arrest (SCA) symposiums designed for first responders and their community partners.

Our key initiatives for the year included:

- Sponsoring four Sudden Cardiac Arrest Symposiums which provide cutting edge continuing education on the latest science behind SCA survival, presented by leading medical experts from around the county.
  - March 2017, **Metro Atlanta EMS Conference**
  - June 2017, **DAS Social Media and Critical Care**
  - May 2017, **Resuscitation Academy**
  - October 2017, **Neurocritical Care Conference**
- Distributing \$49,284 in institutional scholarship grants to EMT & Paramedic training institutions who then distributed the funds to financially needy students.
- Providing a \$30,000 grant for scholarship funding to NAEMSP who chose eight recipients out of 78 applications to receive funding to attend the annual National Association of EMS Physician conference in New Orleans, during January 2017.
- Donating an additional \$12,400 in manikins and supplies used for community CPR events and to the Disaster Management Institute at the Community College of Aurora.
- Hosting our annual golf tournament which raised \$295,000 with over \$49,000 going to Colorado Paramedic training centers.

I hope you can join us next June at the Hilton Inverness in Denver for our 2019 golf tournament. As our largest fundraiser, we couldn't pull off an event like that without the generous support of our sponsors and golfers who come to Colorado each year to enjoy the fun and camaraderie. I hope to see you there!

Again, thanks for your support as we continue to educate the next generation of EMS professionals and help make important advances in emergency medical services.

All the best,



Ted Van Horne  
President and CEO, AMR





## ABOUT THE AMR FOUNDATION FOR RESEARCH AND EDUCATION

### *Our Mission*

The AMR Foundation for Research and Education's mission is to support clinical, education and health systems initiatives designed to improve the care and safety of patients in the out of hospital setting. We support EMS education and training, as well as initiatives focused on improving patient care, or that contribute directly or indirectly to the health and wellbeing of communities.

### *Our History*

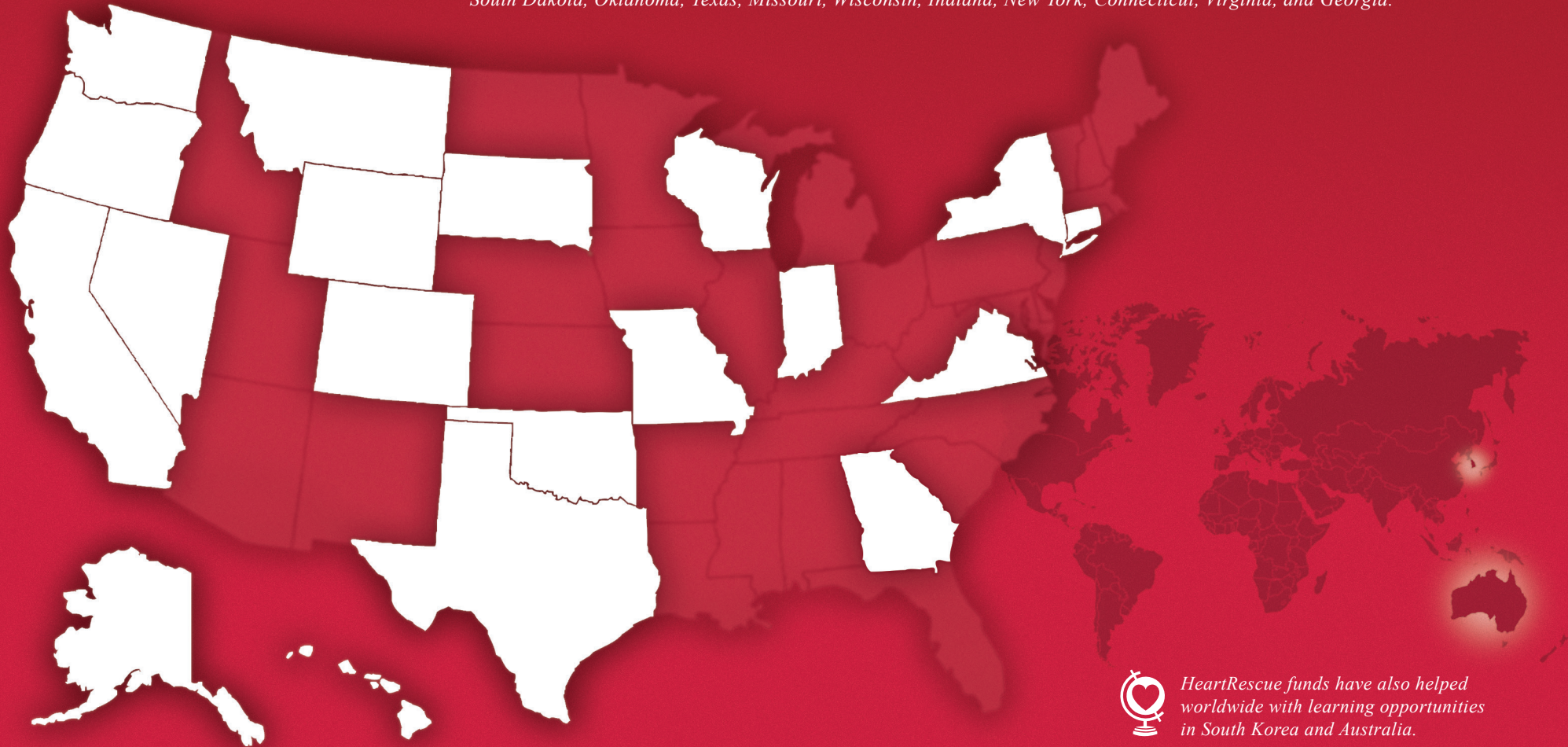
In 2012, AMR was selected as one of seven partners in the HeartRescue Project, a multi-year initiative designed to increase the survival rate for victims of sudden cardiac arrest by 50 percent. The first action for the new AMR Foundation for Research and Education was to provide a platform from which the AMR HeartRescue Project was operated. In 2013, the annual golf tournament was adopted by the foundation as its second "project" and is now called the AMR Foundation Golf Tournament. Together, these two initiatives provided the underpinnings for the AMR Foundation.

## *The HeartRescue Project*

The HeartRescue Project was a multi-year project designed to increase survival from sudden cardiac arrest throughout the United States. Survival rates had been stagnant for many decades. With new knowledge and a passion for the project, funded by a Medtronic Foundation philanthropic grant, the AMR Foundation awarded multiple community-based grants over the years. EMS communities in Bozeman, Montana; Spokane, Washington; Boulder, Colorado; Mountain Valley EMS in California, Stanislaus, California; Sonoma Life Support in California; and San Diego, California, were among the recipients.



*AMR Foundation for Research and Education has assisted communities in the following states (HIGHLIGHTED IN WHITE) through our HeartRescue initiative: Washington, Oregon, California, Nevada, Alaska, Hawaii, Montana, Wyoming, Colorado, South Dakota, Oklahoma, Texas, Missouri, Wisconsin, Indiana, New York, Connecticut, Virginia, and Georgia.*



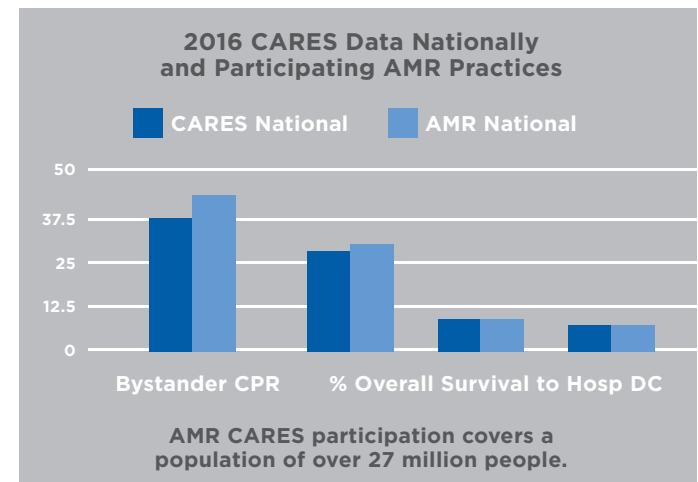
*HeartRescue funds have also helped worldwide with learning opportunities in South Korea and Australia.*

# 2017 ACTIVITIES THROUGH THE **HeartRescue** PROGRAM

## *Cardiac Arrest Registry to Enhance Survival (CARES)*

One of the major goals of our SCA survival initiative is to encourage communities to measure their outcomes. The CARES registry promotes a common and consistent vocabulary for reporting outcomes. The CARES elements provide a rich array of data to provide a consistent and unbiased basis for improvement.

- **Currently there are 66 AMR Operations participating in CARES.**
- **AMR sites contributed 10,000 registry entries with outcomes in the 2016 data set.**
- **Transitioned California to a state model including facilitating training, on boarding and establishing an infrastructure for sustainability.**
- **AMR creates annual reports and individual site data designed to help improve survival with detailed benchmarking and evidence-based strategies for improvement.**



## *Resuscitation Symposiums*

It is well known that defibrillation and high- quality CPR are the two most important aspects of resuscitation. To support this goal, AMR HeartRescue has consistently addressed these skills in its SCA Symposiums and in all quality improvement work. Additionally, our Resuscitation Symposiums provide reviews of current evidence and best practices.

- **March 2017 — MAEMSC — Atlanta, GA**
- **May 2017 — Resuscitation Academy — Honolulu, HI**
- **June 2017 — DAS SMACC**
- **October 2017 — Neurocritical Care Conference**

## *CPR Analytic Feedback*

To facilitate the use of SCA analytic feedback with EMS crews, AMR HeartRescue has purchased an enterprise subscription to CodeStat 10.

- **Placed 71 licenses for CodeStat 10 in operations and their partner organizations**
- **Produced a CodeStat 10 training video with resources available to all on the AMR Website**



# 2017 ACTIVITIES AND ACHIEVEMENTS

## *Golf Tournament*

Our annual golf tournament fundraiser was started in 1993 by Mark Bruning (founding president of the Foundation) with the goal of generating funds and in-kind donations, enabling Colorado paramedic training programs to acquire expensive, state-of-the-art medical technology so graduates would be prepared to use these devices in their clinical practice after graduation.

On June 23, 2017, the 24th annual golf tournament was held at The Ridge at Castle Pines North, where 30 foursomes (120 golfers) competed in a scramble game for first, second and third places. 57 sponsors participated in the event, and those who were in attendance, braved unseasonably cold and wet weather. The temperature started out in the high 30's, and we started the game an hour late due to pouring rain, which continued off and on throughout the day. It finally got into the mid 40's by the time the golfers got back to the clubhouse for lunch around 2pm. Ironically, the days before and after the tournament were hot, in the 90's, and sunny! Despite the challenging weather our sponsors unanimously reported the event being our best tournament yet!

Each hole was sponsored, and either a representative from the sponsoring company, or an AMR Foundation volunteer handed out swag to each player, or to those who won a quick contest.

Thanks to generous sponsors we raised over \$295,000! Funds resulting from the golf tournament have resulted in past donations to Colorado EMS training programs in the form of equipment, and much needed scholarship funding.

Two charities were invited as guests of the AMR Foundation; Rocky Mountain Children's Health Foundation and the Clinica Tepeyac Foundation. Each raised money for their foundation by running activities at the holes. Our sponsors donated prizes, and players had the opportunity to participate as they golfed. Guest charities each raised about \$800!



*Golf Tournament volunteers brave the unseasonably cold weather!*



*AMR Colorado Springs Honor Guard present colors*

## 2017 ACTIVITIES AND ACHIEVEMENTS (continued)

### *Grant Recipients in Colorado*

Colorado has eight paramedic training centers that were invited to submit a grant application, for training equipment or scholarship funding. These programs either are, or have, a 501(c)3 organization that can accept a donation. We were able to give over \$59,000 in grants to:

- **Pueblo Community College EMS Department, funding for staff continuing education and student scholarships.**
- **Brian Schimpf Memorial Scholarship Fund (administered through the Denver Health Foundation), scholarship funding.**
- **Aims Community College Paramedic Program, Zoll X Series Cardiac Monitor**
- **Pikes Peak Community College, advanced patient condition simulator**
- **St. Anthony Hospital Paramedic Program, Laerdal Crash Kelly and EKG Kid manikins.**
- **Community College of Aurora Disaster Institute, CPR training manikins**



*Denver Health Paramedics accept donation to the Brian Schimpf Memorial Scholarship Fund, which operates within the Denver Health Foundation, with the purpose of giving scholarships to needy Denver Health EMS Paramedic students.*

### *Institutional Scholarship Grant*

\$49,000 in grants were distributed to individual institutions who applied for a grant to provide scholarships to students. They then created a selection process, along with some guidance from the foundation, to choose financially needy recipients, to receive \$1,000 scholarship for EMT students or \$3,000 scholarship for Paramedic students.

#### **PARAMEDIC SCHOLARSHIP GRANT RECIPIENTS:**

- **Southwestern Community College, Chula Vista, CA**
- **Montana State University Billings, Billings, CA received**
- **Yale New Haven Sponsor Hospital Program, New Haven, CT**

#### **EMT SCHOLARSHIP GRANTS RECIPIENTS:**

- **John Tyler Community College, Chester, VA**
- **Erie Community College, Orchard Park, NY**
- **John Tyler Community College, Chester, VA**
- **Yale New Haven Sponsor Hospital Program, New Haven, CT**



*Aims Community College accepts donation of Zoll X Series monitor.*



“ I was very honored and surprised when I found out that I was awarded the scholarship. It made me feel like my hard work was being recognized and I had the (financial) opportunity to learn even more. It was a huge relief and I have been able to take other classes and CMEs because of it without worrying about the economic burden. ”

— Anonymous, A.D., Yale New Haven



“ I planned to apply for a job with the company (AMR) granted I passed my exams—which I did; and they hired me. In the end the scholarship facilitated my attending EMT training without accruing serious debt I could not guarantee repaying, and AMR simultaneously invested in one of their new employees. ”

— Katie, Eerie Community College

“ The scholarship has helped me tremendously. I was struggling financially before receiving it. I am grateful, and I want to say thank you to all the people who donated in order to help me. ”

— Anonymous, C.L., Yale New Haven



## AMR FOUNDATION FOR RESEARCH AND EDUCATION NAEMSP SCHOLARSHIP

We provided a total of \$30,000 in scholarship funding for recipients to attend the National Association of EMS Physician conference in New Orleans. There were 75 applicants that resulted in 8 awardees who each received funding for conference attendance and accommodations. This conference provides the latest of EMS research and provides opportunities for learning and networking. The conferences attendees were asked to use their experience to help guide improvement efforts in their communities.

“ *I brought back valuable info on presentations and slides that I have and still do freely share and discuss with my colleagues and co-workers.* ”

— Ben Sorenson, 2017 Recipient

“ *The opportunities to attend lectures and network with individuals in the field I aspire to work in was absolutely incredible.* ”

— Emily Pearce, 2017 Recipient



## SAFETY JAM

Several AMR Operations host annual community Safety Jam events. These are community-based festivals, complete with food, games, ice cream and often free bicycles, helmets, and bicycle safety education. As Safety Jam events grew, the need for a non-profit home which could accept donations became apparent. Mark “Chris” McMahan, Supervisor at the AMR Pueblo Ambulance Operation, and Director of the Safety Jam initiative there, approached the AMR Foundation Board, asking if they would consider assisting with Safety Jam donations. The Board agreed and the AMR Foundation now manages donations through the 501(C)(3) organization. The AMR Foundation takes a small administrative fee to cover administrative costs.

# EQUIPMENT DONATIONS FOR EDUCATION

Donations of manikins help to improve community CPR training, allow for hands on paramedic education and create better outcomes for patients. Manikins and other equipment are an important tool for increasing community awareness of sudden cardiac arrest and the potential for layperson involvement. Each of the below equipment were donated with local community benefit in mind.

- **60 Mini Anne Manikins** Amarillo, TX, Witchita Falls, TX and Washington, DC
- **8 Little Anne QCPR Manikins** Aurora, CO
- **2 Resusci Anne QCPR AED Torso** Atlanta, GA
- **2 Shocklink Systems** Aurora, CO and Atlanta, GA
- **2 SimiPad Plus with SkillReporter** Aurora, CO and Atlanta, GA
- **1 Resusci Baby QCPR** Aurora, CO



*Community members learn CPR with donated manikins.*



*Even the manikins learn CPR at Community College of Aurora's Disaster Management Institute!*



*Scary clown at Community College of Aurora's Disaster Management Institute practices CPR!*



*CPR training in the Biological Terror Lab at the Community College of Aurora's Disaster Management Institute.*

## FINANCIAL SUMMARY

The financial summary includes revenue from the golf tournament and Safety Jam fundraising. Losses include activities of grant awards, CARES dBase maintenance and education to include both equipment donations and conferences. These activities align with the overall goals and mission of the AMR Foundation. **Add Starting and Ending balance.**

<i>Statement of Activity</i>	
<b>Revenue</b>	
Non-Profit Income	
Unrestricted Donations (Golf Tournament)	\$ 318,749.00
Restricted Donations (Safety Jam)	\$ 19,915.00
<b>Total Revenue</b>	<b>\$ 338,664.00</b>
<b>Expenditures</b>	
Payroll	\$ 31,564.00
HeartRescue Programming	\$ 91,920.00
Travel and Entertainment	\$ 8,791.71
Conference Expenses	\$ 27,494.83
Fundraising	\$ 85,729.44
General and Administrative	\$ 5,930.24
Supplies and Materials	\$ 63.84
Grants Awarded	\$ 157,795.69
Public Relations	\$ 71,779.25
<b>Total Expenditures</b>	<b>\$ 481,069.00</b>

\*At the end of 2017 there was an intercompany balance due to AMR which is reflected in our cash position, through 2019 when the company (AMR) was fully reimbursed by the Foundation. \$658,561.53 of the intercompany balance, funds due to AMR, were reimbursed to AMR 12/28/2017. \$207,948.69 of the intercompany balance was paid to AMR 3/7/2019. This was the final intercompany balance due to the company, AMR.

## BOARD OF DIRECTORS



### *Edward Van Horne, President and Executive Director*

Edward Van Horne has served on the AMR Foundation for Research and Education Board since 2015 and is known throughout the industry for his innovative approach to EMS system design and focus on clinical excellence. Van Horne is the President and CEO of AMR, and previously served as the CEO of AMR's South Region where he directed operations from Florida to Arizona. He also served as AMR's Vice President of Business Development for the West Region and from 2002 to 2005 he served as the Director of Operations for AMR in San Bernardino County, CA.

Van Horne's leadership earned wide respect during the California wildfires for his division's handling of emergency medical communications and operational components during the largest evacuation in the state's history. He holds a Bachelor of Science in Health Systems Administration from the Rochester Institute of Technology and earned his MBA in 2001.



### *Mark Bruning, Past President/President Emeritus*

Mark is an accomplished healthcare CEO, now partnering with the founders of a Colorado-based development stage medical device company as the organization prepares to take its first medical device through expected FDA clearance and to market. He has held numerous health care leadership roles, most recently successfully leading a private equity owned pediatric healthcare company to significant growth in 26 months, resulting in a successful exit at an attractive industry multiple. Previously, Mark led American Medical Response, the nation's largest ambulance provider with over 14,000 caregivers serving over 4 million patients annually.

Mr. Bruning holds a Master of Business Administration degree from the Kellogg School of Management at Northwestern University. He also sits on several boards and community organizations, both non-profit as well as entrepreneurial business ventures in the telemedicine, software and medical devices space.



### *Susan Morris, Financial Officer/Treasurer*

Susan was appointed to the AMR Foundation Board, and voted to serve the role of President in 2017. Susan works for AMR, and joined the organization in November of 2003. She currently serves as AMR's Vice President of Finance, Operations. In this role, Susan serves as the finance leader for the Rural Metro Fire Division where she coordinates ongoing financial analysis for operations, interpreting and presenting relevant financial data and creates the annual operating plan and monthly/quarterly forecasts.

Susan has a long history of financial leadership experience with the company spanning strategic planning, budgeting, forecasting, and project management for the corporate support departments, the previous Evolution Health division as well as the Fire Operations. Prior to joining AMR, Susan worked for Norwest Bank, MCI, and EDS in various financial capacities. Susan received a bachelor of science in Finance from Kansas State University.

## BOARD OF DIRECTORS (continued)



### *Sean Toner, Secretary*

Sean has managed communications efforts for political parties and corporations around the globe. Sean has worked on the political campaigns of many dignitaries including President George W. Bush, presidential contender Bob Dole, Hungarian Prime Minister Victor Orban, and French President Nicolas Sarkozy. Sean was named a national rising star by Campaigns & Elections magazine after he engineered a nationally recognized get-out-the-vote program that resulted in the largest gubernatorial vote received in Colorado history. Two years later he replicated the effort for President George W. Bush's re-election. Sean's communications work takes him to France, Kazakhstan, South Sudan, and Mexico. He managed reputations of international companies along the likes of Newmont Mining, Noble Energy, and Walmart. He brings experience in communications representing brands such as ReMax, HCA, and Western Union.

Sean served in the U.S. Army and he attended reconnaissance, airborne, ranger, desert and jungle warfare training and was awarded the Army Commendation Medal for Valor for his actions during Desert Storm. Sean and his wife Laura helped establish Project El Crucero, a 501c3 which supports the needy in Nicaragua.



### *Lynn White, Board Member*

Lynn White is the National Director of Clinical Practice for American Medical Response, and Adjunct Assistant Professor at The Ohio State University School of Medicine where she was the Clinical Research Manager in the Department of Emergency Medicine prior to joining the AMR clinical team. During her career she has worked in Pediatrics, Neonatology, High Risk Obstetrics, Critical Care, Trauma, Emergency Medicine and Air Medical Transport. She is a member of the National EMS Advisory Council (NEMSAC), the National EMS Information Systems (NEMSIS), the Cardiac Arrest Registry to Enhance Survival (CARES) and participates on the Mission Lifeline Resuscitation Subcommittee and EMS Caucus.

Lynn has served on the editorial board for Prehospital Emergency Care since 2002, and recently completed two terms on the NAEMSP Board of Directors. She is a co-author of the National EMS Research Agenda for the Future, and the AMR Foundation's Program Director for the HeartRescue Project. Lynn has served on the AMR Foundation Board since 2012.



### *Brian Clemency, Board Member*

Dr. Clemency DO, MBA, FACEP, FAEMS has been involved in prehospital care for over 20 years, beginning his career as a firefighter and emergency medical technician. He is double boarded in Emergency Medicine and Emergency Medical Services.

Dr. Clemency is the Associate Medical Director for AMR of Western NY, an Associate Professor of Emergency Medicine at the University at Buffalo and a member of the Board of Directors of the National Association of EMS Physicians (NAEMSP). He has authored 19 peer reviewed publications on a variety of EMS topics.

## BOARD OF DIRECTORS (continued)



### *Brian Webster, Board Member*

Brian Webster is a Seattle-area native and graduated with a BA from the University of Puget Sound and an MBA from Seattle University's Albers School of Business. After six years working for Boeing's Military Airplane Division he moved from Boeing to Physio-Control, where he joined their mission of providing lifesaving tools to lifesaving teams.

During a twenty-four-year period, Brian worked in various roles at Physio-Control, including vice president of Operations, vice president of Commercial Sales, vice president of Global Marketing, President, and CEO.

After leading the company through an acquisition by Stryker, he moved to a new challenge leading start-up med-tech company Kestra Medical Technologies.



### *Scott Bourn, Board Member*

Scott Bourn PhD, RN, FACHE has a rich and diverse background in emergency medical services, emergency and critical care nursing, and education. His career roles include: field paramedic, emergency department and critical care nurse, EMS system coordinator, director of a university EMS degree program, and senior clinical executive for two large national health delivery organizations. He has also published over 200 articles, columns, and video learning modules, and has delivered lectures throughout North America. His research, writing, and lecture topics focus on defining, measuring, and improving patient outcomes and experience.

Dr. Bourn has held numerous regional and national leadership positions including: Colorado State EMS and Trauma Advisory council for nine years (5 as Chair); National Association of EMS Educators Board 2007-2015 (President 2013-2015); Liaison to the National Association of EMS Physicians Board 2013-2015; Advocates for EMS Board 2010-2013 (President 2012-2013). Dr. Bourn currently serves as the Vice President of Clinical Quality & Impact at Securisyn Medical and Senior Quality Consultant at ESO Solutions. He and his wife Marilyn live in Colorado.

