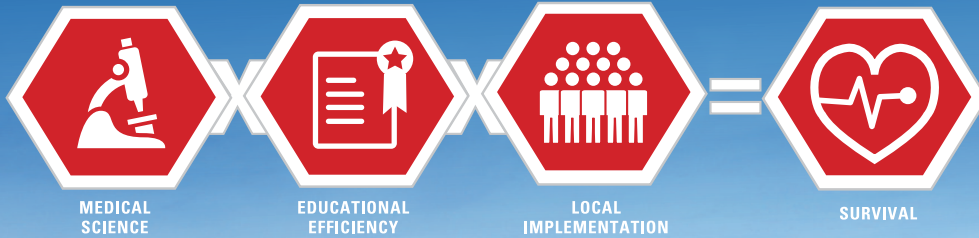


# THE NEW 2015 RESUSCITATION GUIDELINES: TRANSLATING SCIENCE INTO SURVIVAL



**JOIN US IN SAN DIEGO!**

Be among the first to learn from the experts who developed the Guidelines on CPR and ECC.

**ECCU2015**   
Emergency Cardiovascular Care Update

**Conference & Exposition**

Conference December 8-11 • Pre-Conference December 7-8  
Manchester Grand Hyatt, San Diego, California

Presented by the Citizen CPR Foundation in cooperation with:



**Register now at [eccu2015.com](http://eccu2015.com)!** See page 15 for details.

# WELCOME TO ECCU

## Dear Colleagues,

I am delighted to invite you to join us in the beautiful city of San Diego for ECCU 2015, which will occur just weeks after the release of the new 2015 Resuscitation Guidelines. The program will be presented by leading resuscitation scientists and authors of the Guidelines.

Our theme for ECCU 2015 is "The 2015 Resuscitation Guidelines: Translating Science into Survival", which is expressed in the formula that shows the multiplying effect on improved survival from the translation of the latest science, *in combination with increased and efficient education and meticulous local implementation*. ECCU will be devoted to sharing not only the latest science, but educational tactics and system implementation strategies that can help you improve your community's survival.

Join more than 1,500 of your colleagues for a dynamic, engaging conference. Be the first to take home the best understanding of the new Guidelines and the science behind them. Attend the many excellent workshops offered as part of the meeting and be sure to be part of our "CPR SAVES LIVES MARCH".

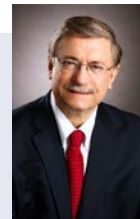
I want to thank Program Chair Ed Stapleton and Co-Chair Dana Niles for their dedication and expertise in leading the development of the most ambitious and important meeting agenda in our history.

A special thank you goes to the Local Planning Committee headed up by Maureen O'Connor and Dr. James Dunford. They have worked incredibly hard to create an exceptional experience for our attendees.

We'll see you in sunny San Diego!

*Tom P. Aufderheide M.D.*

Tom P. Aufderheide, MD, President, Citizen CPR Foundation



## Welcome to San Diego



Expansive ocean views and beautiful sunsets await you in San Diego, California in December! Overlooking the San Diego Bay, experience the

largest urban waterfront resort on the West Coast at the Manchester Grand Hyatt San Diego.

Take an evening (or two!) and explore the city. Located within minutes of the Manchester Grand Hyatt are several top attractions including Seaport Village, Balboa Park, Gaslamp Quarter and, of course, the beautiful beaches. Extend your stay and visit the San Diego Zoo, SeaWorld or the USS Midway Museum. December is also the start of whale migration season, so you may spot mammal activity in and around the bay area.

Just a short walk from the resort, you will encounter an eclectic mix of shops and restaurants. Or, stay on property and enjoy locally sourced food and regional cuisine. In the evening, relax in the resort's lounge and take in the panoramic view.

### Reserve Your Room Today!

A limited number of rooms are available to ECCU attendees at the great rate of \$179 (single/double) until November 16, 2015 or until sold out. Experiencing San Diego in style has never been more affordable. Reserve your room early! See [www.eccu2015.com](http://www.eccu2015.com) for the passcode link to reserve your discounted room as an ECCU 2015 attendee.

### Transportation

No need rent a car! The Manchester Grand Hyatt is located just 10 minutes from the San Diego International Airport. The Super Shuttle runs frequently with an average price of \$9 per transfer. Taxi service is also available for an average charge of \$15 - \$20 per trip.

Visit [www.eccu2015.com](http://www.eccu2015.com) for more information.

## Who Should Attend ECCU?

- CPR, BLS, PALS, ACLS instructors
- Nurses in fields of emergency, critical care, school health
- Hospital education program managers
- CPR and PAD program coordinators
- EMS managers, firefighters, chiefs, training officers, PIOs
- EMTs, paramedics, dispatchers, other first responders
- Emergency physicians, EMS medical directors, cardiologists, intensivists, respiratory therapists
- Educators, researchers, scientists
- Survivors, rescuers, community champions, athletic trainers, teachers, coaches

## PLATINUM SUPPORTERS





To register, visit [www.eccu2015.com](http://www.eccu2015.com).

## OPENING CEREMONIES & BREAKFAST

### EXHIBIT HALL SCHEDULE

**Tuesday, December 8, 2015**

7:00 PM – 9:00 PM

ECCU Opening Reception

**Wednesday, December 9, 2015**

7:00 AM – 6:00 PM

Exhibit Hall Open

7:00 AM - 8:00 AM

Breakfast with the Exhibitors

10:05 AM – 10:35 AM

Morning Break in Exhibit Hall

12:25 PM – 1:45 PM

Cash/Carry Lunch in Exhibit Hall

3:35 PM – 4:05 PM

Afternoon Break in Exhibit Hall

**Thursday, December 10, 2015**

7:00 AM – 4:00 PM

Exhibit Hall Open

7:00 AM - 8:00 AM

Breakfast with the Experts

10:05 AM – 10:35 AM

Morning Break in Exhibit Hall

### 19th Opening Reception

Located in the Exhibit Hall

Tuesday, December 8, 2015

7:00 PM - 9:00 PM

Network with faculty and industry leaders in the ECCU 2015 Exhibit Hall during the very popular Opening Reception! Enjoy appetizers and a beverage as you mingle with your fellow attendees. See the latest in resuscitation technology, education and services presented by industry-leading companies.

### BREAKFAST WITH THE EXHIBITORS:

Located in the Exhibit Hall

Wednesday, December 9, 2015

7:00 AM – 8:00 AM

### BREAKFAST WITH THE EXPERTS:

Located in the Exhibit Hall

Thursday, December 10, 2015

7:00 AM – 8:00 AM

## SURVIVOR EVENT

### CPR SAVES LIVES MARCH

Thursday, December 10, 2015

11:25 AM – 1:25 PM



As part of ECCU this year, we will mobilize all participants in our first ever CPR SAVES LIVES MARCH! Join with more than 50 cardiac arrest survivors who were saved by

CPR, to bring attention to the hundreds of thousands who could survive with more CPR, more AED's and better care. On Thursday, December 10, we will all march together from the Manchester Grand Hyatt to the San Diego Civic Center. We will have banners and signs calling for more action, flags for our registrants, partners and exhibitors to carry, a drum line, police cars and fire trucks. Help make this important message heard.

At the Civic Center, officials and the press will join with us to hear inspirational stories from survivors, recounting their rescues and the lives they have led since. We will make time for lunch at the event, but most importantly, the Citizen CPR Foundation will raise a call in a very public way for more CPR training, more AED placements and more education so others can live.



**CPR SAVES LIVES MARCH**



## EVENTS

**CPR  
Saved  
My Life**

As part of the Survivor Event, ECCU's Local Planning Committee will train hundreds of high school students in hands-only CPR with an introduction to AED. Come watch this spectacular event unfold. For further information, visit [www.eccu2015.com](http://www.eccu2015.com).



### William H. Montgomery, MD, Excellence in Education Award

Friday, December 11, 2015

11:20 AM – 12:00 PM

Concurrent sessions are eligible to win the William H. Montgomery, MD, Excellence in Education Award, designed to promote the highest level of educational content. This award is named in honor of Dr. Montgomery, who served as co-founder and president of the Citizen CPR Foundation for more than 15 years, and remains on the CCPRF Board as an emeritus member. The award is sponsored by the Laerdal Foundation for Acute Medicine. A plaque and \$1,000 honorarium will be awarded to the lead presenter.

### GOLD

National Safety Council

### SILVER

Heart and Stroke Foundation  
of Canada

One Beat CPR + AED

### MEDIA PARTNERS



# SCHEDULE AT A GLANCE

## PRE-CONFERENCE WORKSHOPS

MON	Morning	8:00 AM – 12:00 PM	Resuscitation Officer Program	High Performance CPR (HP-CPR)
	Afternoon	1:00 PM – 5:00 PM	Resuscitation Officer Program (continued)	High Performance CPR (HP-CPR)
TUESDAY	Morning	8:00 AM – 10:00 AM	National Safety Council Instructor Meeting	
		8:00 AM – 12:00 PM	Resuscitation Officer Program (continued)	EAGLES
		AHA Official Instructor Update: 2015 Guidelines for CPR and ECC (See pg. 6 for individual session times)	Heartsaver; BLS; PALS/PEARS; ACLS; Flexibility in the Classroom	
	Afternoon	1:00 PM – 5:00 PM	Resuscitation Officer Program (continued)	EAGLES (continued)
		AHA Official Instructor Update: 2015 Guidelines for CPR and ECC (See pg. 6 for individual session times)	BLS; PALS/PEARS; ACLS; Tailoring your Teaching Style to Learners	
		American Red Cross Open House: Ask. Learn. Train.	Ask. (Open to All) 1:00 PM – 2:00 PM	Learn. (Red Cross Instructors) 2:00 PM – 4:00 PM

## CONFERENCE OPENING

TUE	5:00 PM – 5:40 PM	Opening Ceremony and Welcome
	5:40 PM – 6:15 PM	Opening General Session – New 2015 Resuscitation Guidelines: It's All About Quality Implementation!
	6:15 PM – 7:00 PM	Keynote Session – The Institute of Medicine Report on Cardiac Arrest: A National Vision for the Future
	7:00 PM – 9:00 PM	Opening Reception Extravaganza in the Exhibit Hall

## SESSIONS

### GENERAL SESSIONS

### EMS: CLINICAL SOLUTIONS & BEST PRACTICES

### IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES

WEDNESDAY	7:00 AM – 5:00 PM	Registration Open		
	7:00 AM – 6:00 PM	Exhibit Hall Open		
	7:00 AM – 8:00 AM	Breakfast with Exhibitors in the Exhibit Hall		
	8:00 AM – 8:25 AM	Welcome and Introductory Remarks		
	8:25 AM – 9:15 AM	<b>Hans H. Dahll Award Presentation/</b> Using Chest-Compression – Only CPR and the Community to Boost Survival		
	9:15 AM – 10:05 AM	The New Basic Life Support Guidelines: Implementing with Precision and Quality!		
	10:05 AM – 10:35 AM	Morning Break in the Exhibit Hall		
	10:35 AM – 11:25 AM		EAGLES – Best Practices in Street Medicine: Implementing the New Guidelines and Innovations	An Innovative Approach to Improving Cardiac Arrest Response: A Quality Improvement Project
	11:35 AM – 12:25 PM		EAGLES (continued)	Bridging the Gap: First Five Minutes Until the Code Team Arrives
	12:25 PM – 1:45 PM	Lunch/Exhibit Hall Open		
	1:45 PM – 2:35 PM	The New Acute Coronary Syndrome Guidelines for EMS and Hospitals: Implementing with Precision and Quality!		
	2:45 PM – 3:35 PM		EAGLES (continued)	The New Acute Coronary Syndrome Guidelines for EMS and Hospitals: Implementing with Precision and Quality!
	3:35 PM – 4:05 PM	Afternoon Break in the Exhibit Hall		
	4:05 PM – 4:55 PM		EAGLES (continued)	Improving Code Team Performance and Survival Outcomes: Implementation of Pediatric Resuscitation Team Training
THURSDAY	7:00 AM – 5:00 PM	Registration Open		
	7:00 AM – 4:00 PM	Exhibit Hall Open		
	7:00 AM – 8:00 AM	Breakfast with the Experts in the Exhibit Hall		
	8:00 AM – 8:25 AM	Welcome and Introductory Remarks		
	8:25 AM – 9:15 AM	The New Advanced Cardiac Life Support Guidelines: Implementing with Precision and Quality!		
	9:15 AM – 10:05 AM	Resuscitation Progress and Improving Outcomes: Improved Survival Over Time - Successful Models in the US		
	10:05 AM – 10:35 AM	Morning Break in the Exhibit Hall		
	10:35 AM – 11:25 AM		<b>Split Session:</b> A Systems Approach for PAD Program Implementation/Creating "Willing" Responders: Incorporating Behavioral Science Principles into PAD Program Education	The New Advanced Cardiac Life Support Guidelines: Implementing with Precision and Quality!
	11:25 AM – 1:25 PM	CPR SAVES LIVES MARCH		
	1:25 PM – 2:15 PM	Resuscitation Quality Improvement (ROI) Update - How to Move Resuscitation Education Out of the Classroom and Onto the Hospital Floor		
	2:25 PM – 3:15 PM		Utstein Who? ROSC Really Can Happen in Rural Environments	<b>Split Session:</b> Focused Sonography in Cardiac Arrest/ Prehospital Non-STEMI Assessment and Treatment
	3:25 PM – 4:15 PM		A Prescription for Success	Targeted Temperature Management 33 vs. 36
	4:25 PM – 5:15 PM		Resuscitating Santa Barbara County: How Saving Our Patients Is Saving Our EMS Responders	The CPR Triple Plan: Building a CPR Response Team for 1.5 Million People
FRIDAY	7:00 AM – 12:00 PM	Registration Open		
	8:00 AM – 8:30 AM	Welcome and Introductory Remarks		
	8:30 AM – 9:20 AM	A Question of Sport: From the Schoolyard Playground to the Olympic Stadium		
	9:20 AM – 10:10 AM	How to Implement a CPR Training Program in My School/College/University; and Innovations like How to Stop the Zombie Apocalypse!		
	10:20 AM – 11:10 AM		<b>Split Session:</b> How to Build Successful Law Enforcement AED Programs/Death from Cardiac Arrest is a Real Crime! Can Law Enforcement Reduce Time to CPR and First Shock?	Training the In-Hospital Code Team: A Multi-Faceted Targeted Approach
	11:20 AM – 12:00 PM	Award Announcements and Closing: William H. Montgomery, MD Excellence in Education Award; ECCU Video Minute Contest Winner;		

# EXHIBIT HALL SCHEDULE

## Tuesday, December 8, 2015

7:00 PM – 9:00 PM ECCU Opening Reception

## Wednesday, December 9, 2015

7:00 AM – 6:00 PM Exhibit Hall Open

7:00 AM – 8:00 AM Breakfast with the Exhibitors

10:05 AM – 10:35 AM Morning Break in Exhibit Hall

12:25 PM – 1:45 PM Cash/Carry Lunch in Exhibit Hall

3:35 PM – 4:05 PM Afternoon Break in Exhibit Hall

## Thursday, December 10, 2015

7:00 AM – 4:00 PM Exhibit Hall Open

7:00 AM – 8:00 AM Breakfast with the Experts

10:05 AM – 10:35 AM Morning Break in Exhibit Hall

Community and Telephone CPR: The Anchor Link in the Chain of Survival

Cardiac Arrest Airway Management

Societal CPR: "Everyone Can Do It!"

Train. (Become a Red Cross Instructor) 2:00 PM – 4:00 PM

COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE

EDUCATION/SIMULATION: INSTRUCTOR TOOLS AND TRAINING

LATEST RESEARCH AND SCIENCE

PEDIATRICS

Preparing Your School for a Cardiac Arrest Emergency

A Baseline Study of Public Awareness:  
To Move the Save Rate from Out-of-Hospital Cardiac  
Arrest, We Must Move Communities to Action

**Split Session:** Blended Learning: Maximizing the  
Effectiveness of CPR and First Aid Education/  
Blended Learning in American Heart Association:  
How Does it Work

Novel Methods for CPR Training

The New Basic Life Support Guidelines:  
Implementing with Precision and Quality!

ILCOR 2015 - The Science Behind the Education  
Guideline Changes

**Split Session:** The New Pediatric  
and Neonatal Guidelines/  
NRP Innovation to Implementation

Helping Babies Breathe/  
Saving Children's Lives

**Split Session:** Understanding Survivor Stress Syndrome/  
Creating a Safety Net for Survivors - Partnerships, Resources  
and Tools for Learning to Live Post Cardiac Arrest

Community CPR - Practical Strategies to Increase Your  
Bystander CPR and AED Use Rates in Your Community

Split Session: Active Compression/Decompression  
and Threshold Impedance Devices/Mechanical CPR

Sudden Cardiac Death in the Young

Online Simulation Training for the Real World

Developing Systems of Care for STEMI  
Resuscitation and Stroke

Mobile Apps: Saving Lives from the Palm of Your Hand

**Split Session:** Out with the Old, In with the New:  
Getting Ready for New Curriculum/ACLS Buffet –  
Giving Participants What They Need

Review of the Research and Practice for Post Cardiac  
Arrest Care of Pediatric Population Following In and  
Out-of-Hospital Cardiac Arrest

**Split Session:** Ying and Yang of Bystander CPR/Prolonged  
CPR Case Series – Vignettes of Unexpected Success

RQI Follow Up: Resuscitation Quality Improvement  
(RQI) Programs – How to Move Resuscitation  
Out of the Classroom and Onto the Hospital Floor

Beyond the Science – What is Next in Resuscitation  
(New Methods of CPR Research)

**Split Session:** Heart Safe Community Designation –  
Getting Your State On Board/  
Strive to Revive! Translating Science into Survival –  
The HEARTSafe Community Concept - A Lifesaving Innovation

**Split Session:** Debriefing ACLS and PALS with the American  
Heart Association Structured and Supported Debriefing Model/  
Action Linked Phrases: A Novel Approach to Life  
Support Training

Systems and Design Thinking Applied to  
Out-of-Hospital CPR and AED Performance

High Fidelity Simulation and CPR: An Added Value

Breaking Through Bystander Reactions:  
Can We Get Bystanders to Act Based on  
How We Teach Them First Aid?

Longitudinal Study on Retention of CPR  
Performance Quality

**Split Session:** Project ADAM – Implementing CPR-AED  
Programs Across the Nation/CPR in High Schools:  
What Can Be Learned from 7 Years of Experience?

Use of Simulation to Adapt Fire Ground Tactics  
to Cardio Resuscitation

Emergency Cardiopulmonary Bypass for Cardiac  
Arrest: Implications for EMS and the ED

People Saving People Award; ECCU 2015 Recap

Lighting Rounds and Scientific Abstracts

Final sessions will be selected closer to the conference dates.  
Check out [www.eccu2015.com](http://www.eccu2015.com) for the most current information.

## MONDAY DECEMBER 7, 2015 WORKSHOPS



**Gain More By Arriving Early**

### Resuscitation Officer Program

*Edward R. Stapleton, EMT-P;*  
*Beth Mancini, PhD, RN;*  
*Vinay Nadkarni, MD, MS; Robert Berg, MD;*  
*Dana Edelson, MD, MS; Karl Kern, MD;*  
*Dana Niles, MS; Ben Bobrow, MD; Tim Eiman;*  
*Benjamin S. Abella, MD, MPhil*

8:00 AM - 12:00 PM; 1:00 PM - 5:00 PM

(Continued on Tuesday, December 8,

8:00 AM - 12:00 PM;

1:00 AM - 5:00 PM)

Fee: \$300

The organization and management of modern hospital code programs has become a fairly complex task.

Expertise is needed in multiple elements of organization, implementation and monitoring to assure quality. This 16-hour certificate program is designed to prepare physicians, nurses, and other healthcare professionals to organize and implement hospital and community-wide resuscitation programs. The program will include: organizing code committees and code teams, maintaining infrastructure, integrating key elements including ultrasound, therapeutic hypothermia, post resuscitation PCI, and ECMO, provider training, conducting mock codes, and comprehensive CQI. A must program for Hospital Code Team Chairs!



### High Performance CPR (HP-CPR) - Seattle/King County Resuscitation Academy

*Michael Sayre, MD; Thomas Rea, MD, MPH;*  
*Peter Kudenchuk, MD; Mike Helbock, MICP,*  
*NREMT-P, SEI; Craig Aman, MBA, EMT-P;*  
*Jonathan Larsen, EMT-P*

8:00 AM - 12:00 PM; 1:00 PM - 5:00 PM

Fee: \$25 per session

Join the faculty of the internationally-recognized Resuscitation Academy from Seattle, Washington for a fast paced, informative, hands-on workshop that will present the latest on resuscitation science to allow your EMS system to increase cardiac arrest survival rates. The emphasis will be on high-performance CPR and not only how to "do it," but how to "teach it" and "implement it" in your own department. This educational, hands-on opportunity is open to a limited number of paid conference registrants on a first-come, first-served basis, so do not delay in registering.



Limited to 50 full conference registrants per session.

relationship between 9-1-1 callers and dispatchers. These parties form the first link in the Chain of Survival and must work together to give patients the best chance of surviving out-of-hospital cardiac arrest. To work together, they must understand one another's roles and responsibilities. Callers should be prepared to answer two questions from dispatchers to assess the patient's status: "Is the patient conscious?" and "Is the patient breathing normally?" Dispatchers, in turn, should be prepared to calmly assert themselves to control calls from the outset and to provide continuous CPR coaching until professional rescuers take over.

### Cardiac Arrest Airway Management

*Colby Rowe, BS, NREMT-P; Sahar Ahmad, MD;*  
*Anthony Guarne, MS, NREMT-P*

1:00 PM - 5:00 PM Fee: \$120



Airway management and ventilation play a critical role in prevention, management, and post-resuscitation care of the sudden

cardiac arrest patient! Current cardiac arrest guidelines de-emphasize advanced airways, but they may become necessary as cardiac arrest persists or when difficult airways are encountered. Join Colby Rowe, Director of Clinical Simulation, Stony Brook Medicine Center for Clinical Simulation & Patient Safety, Dr. Sahar Ahmad, Assistant Professor of Medicine at the Stony Brook University, and Anthony Guarne, Simulation Specialist at NYIT for this advanced airway workshop. Practice techniques to increase First Pass Success and survival from cardiac arrest!

### Community and Telephone CPR: The Anchor Link in the Chain of Survival

*Ben Bobrow, MD; Micah Panczyk;*  
*Helge Myklebust*

8:00 AM - 12:00 PM Fee: \$120

Let's refine the first critical "communication loop" in the Chain of Survival! Please join Dr. Ben Bobrow and Micah Panczyk of the Save Hearts in Arizona Registry and Education (SHARE) Program and Helge Myklebust in an examination of the



## TUESDAY DECEMBER 8, 2015 WORKSHOPS

### EAGLES

#### Better Ensuring the Chain of Survival and Recovery in Your Community: A Gathering of Eagles Workshop

*Paul E. Pepe, MD, MPH, Dallas, TX; Christopher B. Colwell, MD, Denver, CO;*  
*Scott T. Youngquist, MD, Salt Lake City, UT; Ralph J. Frascione, MD, St. Paul, MN;*  
*Marc Eckstein, MD, MPH, Los Angeles, CA; Andrew J. Harrell, MD, Albuquerque, NM;*  
*J. Brent Myers, MD, MPH, Raleigh, NC; Peter M. Antevy, MD, Southeast Florida;*  
*Edward M. Racht, MD, Austin, TX*

8:00 AM - 12:00 PM; 1:00 PM - 5:00 PM Fee: \$210

The "Eagles" consortium is a de facto coalition of the jurisdictional EMS (9-1-1 system) medical directors from the nation's largest cities and key federal agencies. Beyond daily internal group correspondence, they also conduct national meetings that often present distinct

challenges to accepted practice. Using a wealth of EMS system data, their creative approaches to problem solving have routinely changed practices. In this session, several members of the Eagles consortium will report on some of the latest discussions from this cohesive, influential

cadre of physicians and provide their group visions of things to come over the next decade.

If you love the latest science and clinical practice of resuscitation, you will love the Eagles! This workshop is directed at all healthcare providers, particularly those concerned with community based resuscitation practices and the medical aspects of EMS systems operations and patient care protocols. Learn about the latest science and trends in EMS systems through dynamic learning activities and from world-class experts in ECC.





**TUESDAY** DECEMBER 8, 2015 *continued*  
WORKSHOPS

**OFFICIAL UPDATE FOR AHA INSTRUCTORS:  
IMPLEMENTING NEW 2015 AHA GUIDELINES FOR CPR AND ECC**

*American Heart Association National Staff and Volunteers*

At these sessions, AHA Instructors will learn the 2015 AHA Guidelines for CPR and ECC, the science behind those changes and how they impact teaching AHA CPR, first aid and advanced cardiovascular care courses. Instructors will receive information and tools to incorporate science changes into AHA courses until updated course materials become available.

These sessions are official 2015 AHA Guidelines for CPR and ECC updates reserved for Heartsaver, BLS, ACLS, and PALS/PEARS Instructors.

Attending AHA Instructors will meet their required 2015 Science Update for teaching AHA programs using the new science, as well as learn educational best practices from AHA's optional "Instructor Effectiveness" workshops.

Instructors will receive a confirmation of attendance for their Training Center Instructor records.

Advance registration with confirmation of current AHA Instructor status is required. Please register for each session of interest.



- **HS:** 8:00 AM – 9:30 AM
- **BLS:** 9:45 AM – 11:15 AM; 1:45 PM – 3:15 PM
- **ACLS:** 11:30 AM – 1:00 PM; 3:30 PM – 5:00 PM
- **PALS/PEARS:** 9:45 AM – 11:15 AM; 3:30 PM – 5:00 PM

Fee: \$55 per session or \$150 for all sessions

The below workshops are available at no additional cost to AHA Instructors who also register for a discipline-specific session above.

- **Flexibility in the Classroom:** 9:45 AM – 11:15 AM
- **Tailoring Your Teaching Style to Learners:** 3:30 PM – 5:00 PM

**Resuscitation Officer Program**

*Edward R. Stapleton, EMT-P;  
Beth Mancini, PhD, RN; Vinay Nadkarni, MD, MS;  
Robert Berg, MD; Dana Edelson, MD, MS;  
Karl Kern, MD; Dana Niles, MS; Ben Bobrow, MD;  
Tim Eiman; Benjamin S. Abella, MD, MPhil*

8:00 AM - 12:00 PM; 1:00 PM - 5:00 PM  
(Continued from Monday, December 7)



**Societal CPR "Everyone Can Do It!"**

*Maureen O'Connor, EMT; Lorelee Olejnik, EMT-B*  
8:00 AM - 12:00 PM Fee: \$120

In dozens of scientific studies, bystander CPR doubles or triples survival from out-of-hospital cardiac arrest! This workshop will give attendees practical tools and key ideas needed to successfully educate their community in the simple steps of quick recognition and response to SCA. Maureen O'Connor, PAD Program Manager, San Diego Project Heart Beat, and Lorelee Olejnik, Community Relations Specialist for San Diego Project Heart Beat and Rural Metro Ambulance, and their team train thousands of rescuers annually, empowering all within their region to save lives.

**National Safety Council  
Instructor Meeting**

*Donna Siegfried, Senior Director,  
National Safety Council*

8:00 AM - 10:00 AM Fee: No charge  
Join members of the First Aid Team for an NSC instructor meeting. Learn how to hone your teaching skills and more during this meeting for NSC First Aid instructors.



**ASK. LEARN. TRAIN. AN OPEN HOUSE WITH THE AMERICAN RED CROSS**

*Jonathan L. Epstein, MEMS, NREMT-P; Richard N. Bradley, MD;  
Andrew MacPherson, BSc, MD, CCFP-EM, FCFP;  
Jeffrey L. Pellegrino, PhD, MPH; Nici Singletary, MD, FACEP;  
Joe Gray; Peter Hagerman; Grant Hansen; Steve Rieve*



The science is updated. New ways of administering care are changing the way to train. How do you make sense of it all? Join the Red Cross for an "open house" that's three exciting sessions in one – preparing you for training success in 2016.

**Session 1: Ask the Experts – About the Science** 1:00 PM - 2:00 PM (Open to All)

This is your opportunity to participate in a panel discussion with the esteemed Red Cross Scientific Advisory Council and other experts who will delve into the new science.

**Session 2: Learn – For Red Cross Instructors** 2:00 PM – 4:00 PM

Instructors will learn about our new program and leave with their training update complete and ready to teach.

**Session 3: Train – Become a Red Cross Instructor** 2:00 PM – 4:00 PM

If you are not a Red Cross instructor, here's your opportunity to learn about the Red Cross. Leave this session with your First Aid/CPR/AED instructor training complete and receive a coupon for a free set of course materials.

The Open House is limited to a maximum of 100 attendees. Fee: No charge

**ECCU FACULTY REPRESENTS THE BEST!** For a complete listing of our faculty, visit [www.eccu2015.com](http://www.eccu2015.com).

# OPENING CEREMONY AND WELCOME

## TUESDAY DECEMBER 8, 2015

5:00 PM - 5:40 PM

**Tom Aufderheide, MD, MS, President, CCPRF; Ed Stapleton, EMT-P, Program Chair**

**Dana Niles, MS, Program Co-Chair, ECCU 2015**

**James Dunford, MD and Maureen O'Connor, EMT, Co-Chairs, Local Planning Committee**

## OPENING SESSION

*Robert Berg, MD; Mary Fran Hazinski, MSN, RN*

5:40 PM - 6:15 PM

### New 2015 Resuscitation Guidelines: It's All About Quality Implementation!



Although the *American Heart Association Guidelines for CPR and ECC* have been published since 1966, we've only recently begun to improve survival from sudden cardiac arrest, and survival is dismal in many communities. Science-based recommendations and even skilled rescuers alone cannot save lives! Continuous quality improvement is critical for community, pre-hospital and in-hospital resuscitation programs. Dr. Robert Berg and Mary Fran Hazinski, world-renowned experts in the field of resuscitation, leaders and contributors to the new Guidelines, and ILCOR "Giants of Resuscitation Medicine", will present the critical elements of CPR quality and several techniques for ensuring high-quality CPR in ECC systems.



## KEYNOTE

*Tom Aufderheide, MD, MS*

6:15 PM - 7:00 PM

### The Institute of Medicine Report on Cardiac Arrest: A National Vision for the Future



"The Institute of Medicine Report on Cardiac Arrest" will lay the foundation for change in communities throughout the United States. Dr. Tom Aufderheide, an ILCOR "Giant of Resuscitation Medicine", an IOM member and author of the report, is a nationally and internationally known scientist and researcher who will review recommendations that drive the future of cardiac arrest management!

## OPENING RECEPTION

Located in the Exhibit Hall

7:00 PM - 9:00 PM

# CONFERENCE SCHEDULE

## WEDNESDAY, DECEMBER 9, 2015

**DON'T MISS OUT!**  
7:00 AM - 8:00 AM  
Breakfast with the Exhibitors!

### Welcome and Introductory Remarks

*Tom Aufderheide, MD, MS, President, CCPRF; Ed Stapleton, EMT-P, Program Chair; and Dana Niles, MS, Program Co-Chair, ECCU 2015*

8:00 AM - 8:25 AM

## HANS H. DAHLL AWARD AND LECTURE

### Hans H. Dahll Award Presentation

*Tom Aufderheide, MD, MS; Gordon Ewy, MD*

8:25 AM - 9:15 AM

The late Hans H. Dahll was a founding director of the Citizen CPR Foundation and served on the Board of Directors from its inception in 1987 until 2000. The Foundation created the prestigious Hans H. Dahll Award in his honor and has presented the award at every ECCU conference since 1990. This prestigious award will be presented to Gordon A. Ewy, MD, in recognition of his outstanding contributions and leadership in advancing the field of resuscitation, research, education, and best clinical practice.

Dr. Ewy is Emeritus Professor of Medicine (Cardiology) and Emeritus Director of the University of Arizona Sarver Heart Center at the College of Medicine in Tucson, Arizona where he occupied the Gordon A. Ewy, M.D. Distinguished Endowed Chair in Cardiovascular Medicine.

### Using Chest-Compression-Only CPR and the Community to Boost Survival

*Gordon Ewy, MD*

8:25 AM - 9:15 AM



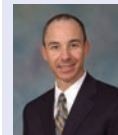
Arizona Sarver Heart Center has paved the way for comprehensive use of Compression-Only CPR by both bystanders and EMS providers! Based on their experimental lab findings, the UA Sarver Heart Center's Resuscitation Research Group, led by Dr. Gordon A. Ewy and Dr. Karl B. Kern and their CPR research colleagues, began advocating a new method of CPR: continuous chest compressions (without breaths) to aid people who collapse due to primary cardiac arrest. Dr. Ewy has been named a "CPR Giant" by the American Heart Association. In his presentation, Dr. Ewy will provide us with a formula for improving outcomes from SCA by implementing a community-wide program in Compression-Only CPR!

## GENERAL SESSION

### The New Basic Life Support Guidelines: Implementing with Precision and Quality!

*Ben Bobrow, MD; Dana Edelson, MD*

9:15 AM - 10:05 AM



Drs. Bobrow and Edelson, recent participants in the evaluation of new CPR science, will review the new 2015 BLS guidelines for lay rescuers, EMS providers and in-hospital professionals. They will outline strategies for quality implementation including: CPR, dispatch instructions, airway management, ventilation and other aspects of BLS care.





### MILITARY TRAINING NETWORK (MTN) MEET AND GREET 8:00 AM – 9:00 AM (MILITARY ONLY)

The Military Training Network (MTN) has been recognized as an American Heart Association Regional Training Center since 1984 and as the American College of Surgeons Region 13 Program Coordinator since 1996. The mission of the MTN is to develop and implement policy guidance and ensure compliance with curriculum and administrative standards for resuscitative and trauma medicine training programs for uniformed service members and Department of Defense affiliates worldwide. The tri-service staff provides specific service expertise, worldwide coordination of programs, central record keeping and ensures national resuscitative and trauma medicine organizations are aware of military medicine's unique requirements.



Join MTN for a special hour that has been set aside for MTN staff, MTN National Faculty and MTN Affiliated site staff attending the ECCU conference. This unique opportunity to network with MTN staff and Tri-Service National Faculty will be followed by a question and answer Interactive Panel Discussion.

### CONCURRENT SESSIONS

#### EAGLES: CLINICAL SOLUTIONS & BEST PRACTICES

#### Best Practices in Street Medicine: Implementing the New Guidelines and Several Exceptional Innovations in Out-of-Hospital ECC

*Paul E. Pepe, MD, MPH, Dallas, TX;*  
*Christopher B. Colwell, MD, Denver, CO;*  
*Scott T. Youngquist, MD, Salt Lake City, UT;*  
*Ralph J. Frascione, MD, St. Paul, MN;*  
*Marc Eckstein, MD, MPH, Los Angeles, CA;*  
*Andrew J. Harrell, MD, Albuquerque, NM;*  
*J. Brent Myers, MD, MPH, Raleigh, NC;*  
*Peter M. Antevy, M.D., Southeast Florida; Edward M. Racht, MD, Austin, TX*

Session 1: 10:35 AM - 11:25 AM  
Session 2: 11:35 AM - 12:25 PM  
Session 3: 2:45 PM - 3:35 PM  
Session 4: 4:05 PM - 4:55 PM

For several decades, Dr. Paul Pepe and the so-called Eagles Coalition (medical directors of major U.S. EMS Systems) have been designing and promoting effective prehospital medical care strategies that have advanced medical practices worldwide in the realm of emergency cardiovascular care. A highly-attended tradition at the ECC Update conference, each of the four sessions in the Eagles Track will not only include these street-wise investigators' plans for implementing the new ECC guidelines, but also several new innovations that will predictably impact future guidelines. One of the most popular

sessions at the conference, the Eagles always generate active discussion with the audience. Their creative approaches to problem solving have not only routinely changed ECC practices worldwide, but also inspired attendees to do the same!

#### IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES

#### An Innovative Approach to Improving Cardiac Arrest Response: A Quality Improvement Project

*Marion Leary, MPH, MSN*

10:35 AM - 11:25 AM

Little is known about how non-technical factors, such as inadequate role definition and leadership, impacts cardiac arrest. This session will address a bundled quality improvement intervention, including an MD/RN leadership dyad to improve response.

#### COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE

#### Preparing Your School for a Cardiac Arrest Emergency

*Jeff Ranous; Martha Lopez-Anderson; Mary Newman, MS; Kathleen Murphy, RN*

10:35 AM - 11:25 AM

This session will focus on the tools needed to develop a comprehensive approach to effectively respond to a cardiac emergency in schools. Topics include a summary of the legislative landscape, overcoming obstacles, case studies and emergency planning. Speakers represent the Citizen CPR Foundation's Task Force on SCA in Youth and include: Jeff Ranous, American Heart Association's Director of State Advocacy; Martha-Lopez Anderson, Chair, Parent Heart Watch; Mary Newman, President, Sudden Cardiac Arrest Foundation; and school nurse, Kathleen Murphy.

#### EDUCATION/SIMULATION: INSTRUCTOR TOOLS & TRAINING

Split Session: 10:35 AM - 11:25 AM

#### Blended Learning: Maximizing the Effectiveness of CPR and First Aid Education

*Robb S. Rehberg, PhD, ATC, NREMT*

"Blended Learning" has become a hot topic in education. Many colleges and universities have successfully implemented a combination of classroom, online and mobile delivery formats. But how can blended learning be used to effectively teach CPR and first aid? This session will provide an overview of how blended learning has successfully decreased class time, increased retention, and increased skill performance at one university.

#### Blended Learning in American Heart Association: How Does it Work

*Miranda Smith; Rosita Karigan*

Blended learning is used to train BLS, ACLS, and PALS providers. This is a great way for adult learners to be involved in their learning experience. This presentation outlines how blended learning is used for the adult learners.

#### LATEST RESEARCH AND SCIENCE

#### The New Basic Life Support Guidelines: Implementing with Precision and Quality!

*Ben Bobrow, MD; Dana Edelson, MD*

10:35 AM - 11:25 AM

This session is a follow up to the general session of the same name to allow audience participation. Interact with the experts, ask questions and provide suggestions that have been successful in your community!

#### PEDIATRICS

Split Session: 10:35 AM - 11:25 AM

#### The New Pediatric and Neonatal Guidelines

*Vinay Nadkarni, MD, MS; Dianne Atkins, MD*

Big strategies are targeting small packages! These presentations by ILCOR Co-Chair Dr. Nadkarni and fellow expert Dr. Atkins will review and discuss key guideline changes and implementation strategies for pediatric and neonatal resuscitation.

#### NRP Innovation to Implementation

*Linda McCarney, MSN, APRN, NNP-BC*

The AAP/AHA Neonatal Resuscitation Program's upcoming 7th Edition takes innovative approaches to the implementation of the new Guidelines. Blended learning techniques such as online evaluation, e-simulation and hands-on skills will be discussed.

#### IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES

#### Bridging the Gap: First Five Minutes Until the Code Team Arrives

*Jonathan Howard, RN; Kostas Alibertis, CCEMTP*

11:35 AM - 12:25 PM

Every minute that passes without action can significantly reduce the Chain of Survival! In the past, there was a several minute delay for a code team response. Hear how we have developed targeted education, including simulation and feedback devices (Q-CPR), to move our floor staff from competent to proficient in the first steps of cardiac arrest care.

#### COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE

#### A Baseline Study of Public Awareness: To Move the Save Rate from Out-of-Hospital Cardiac Arrest, We Must Move Communities to Action

*Mary Newman, MS; Kelly Sawyer, MD;*

*Jennifer Chap; Karen Ba; Youssou Ba*

11:35 AM - 12:25 PM

Knowledge is power! Awareness and understanding can drive community action! Learn about a national study to be repeated every two years that will provide a 2015 baseline of public awareness and understanding of sudden cardiac arrest, CPR and AED use.



# CONFERENCE SCHEDULE

## WEDNESDAY DECEMBER 9, 2015 continued



### EDUCATION/SIMULATION: INSTRUCTOR TOOLS & TRAINING

#### Novel Methods for CPR Training

*Benjamin S. Abella, MD, MPhil;*  
*Audrey Blewer, MPH*

11:35 AM - 12:25 PM

Step squarely out of the box and learn about the effectiveness of CPR training initiatives, such as video-only, video self-instruction and unique educational implementation strategies for participants to apply in their institution or community.

### LATEST RESEARCH AND SCIENCE

#### ILCOR 2015 - The Science Behind the Education Guideline Changes

*Beth Mancini, PhD, RN*

11:35 AM - 12:25 PM

Science is not limited to clinical interventions! This presentation will review the process of developing the C2015 CoSTRs and American Heart Association Guidelines on Education. Key Guidelines related to Education, Implementation and Teams will be discussed.

### PEDIATRICS

#### Helping Babies Breathe/Saving Children's Lives

*Vinay Nadkarni, MD, MS;*  
*Wendy Marie Simon, MA, CAE*

11:35 AM - 12:25 PM

Millions of children worldwide die unnecessarily each year from shock and respiratory failure. Two programs, "Saving Children's Lives" and "Helping Babies Breathe", are making progress toward training front line health workers to save lives in low resource settings. Since its launch in 2011, the Helping Babies Breathe program has been introduced in over 70 countries and more than 300,000 birth attendants have been trained. In Tanzania, a 47% decrease in newborn mortality has been reported. The success of simple graphics-based educational materials and low technology simulation tools will be demonstrated. Key elements of success and challenges to program implementation will be highlighted and discussed.

### GENERAL SESSION

#### The New Acute Coronary Syndrome Guidelines for EMS and Hospitals: Implementing with Precision and Quality!

*Karl Kern, MD*

1:45 PM - 2:35 PM



Improvement in the management of STEMIs, Non-STEMIs and other Acute Coronary Syndromes is moving at a rapid pace. Dr. Karl Kern, a world-renowned cardiologist, researcher, Vice

Chair of the American Heart Association ECC Committee and recently inducted as an ILCOR "Giant of Resuscitation Medicine," will navigate us to, the latest developments in ACS management.

### CONCURRENT SESSIONS

#### IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES

#### The New Acute Coronary Syndrome Guidelines for EMS and Hospitals: Implementing with Precision and Quality!

*Karl Kern, MD*

2:45 PM - 3:35 PM

This session is a follow up to the general session of the same name to allow audience participation. Interact with the experts, ask questions and provide suggestions that have been successful in your community!

#### COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE

Split Session: 2:45 PM- 3:35 PM

#### Understanding Survivor Stress Syndrome

*Vincent Mosesso, Jr., MD*

This session will provide a literature based review of



our current knowledge about the emotional, cognitive and psychological challenges faced by SCA survivors, several of whom will provide their personal perspectives.

#### Creating a Safety Net for Survivors - Partnerships, Resources and Tools for Learning to Live Post Cardiac Arrest

*Heart Rescue & Mended Hearts*

Life after cardiac arrest can pose some complex problems for survivors and families. In this presentation learn how to develop a set of resources, and about some of the new findings that can guide survivors to finding their 'new normal'!



#### EDUCATION/SIMULATION: INSTRUCTOR TOOLS & TRAINING

#### Community CPR - Practical Strategies to Increase Your Bystander CPR and AED Use Rates in Your Community

*Comilla Sasson, MD, PhD*

2:45 PM - 3:35 PM

Join the American Heart Association as we discuss implementing CPR and AED programs in neighborhoods where they can make the most impact – from identifying neighborhoods, to implementing programs, to tracking results. We'll explore case studies and share practical strategies to use in your community.

**Best conference I have ever attended.**

*2014 attendee*

#### LATEST RESEARCH AND SCIENCE

Split Session: 2:45 PM - 3:35 PM

*Tom Aufderheide, MD, MS*

#### Active Compression/Decompression and Threshold Impedance Devices

#### Mechanical CPR

It's all about Perfusion! Join Dr. Aufderheide for a comprehensive update on Active Compression/Decompression and Threshold Impedance Devices, and Mechanical CPR.

#### IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES

#### Improving Code Team Performance and Survival Outcomes: Implementation of Pediatric Resuscitation Team Training

*Lynda Knight, MSN, RN*

4:05 PM - 4:55 PM

Seamless teamwork is key during codes. This interprofessional training initiative, associated with an improved survival and code team performance after pediatric cardiopulmonary arrest, will illustrate the value of efficiency and attention to detail. Before training, 40% of patient code events survived. After training, survival jumped to 60%!

#### COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE

#### Sudden Cardiac Death in the Young

*Irf Asif, MD; Martha Lopez Anderson;*

*Darla Varrenti*

4:05 PM - 4:55 PM

This presentation will focus on the community's role in the prevention of Sudden Cardiac Death in the young. We will discuss the Sudden Cardiac Death Registry, community screening efforts, emergency planning for the public, and support mechanisms for young people with cardiac disease.

#### EDUCATION/SIMULATION: INSTRUCTOR TOOLS & TRAINING

#### Online Simulation Training for the Real World

*Jonathan L. Epstein, MEMS, NREMT-P*

4:05 PM - 4:55 PM

The more realistic a simulation, the more effective a training tool it is. The best sim labs use this approach and now it is being replicated online. Learn how new blended sim programs better provide the variables of a real-life crisis from Jonathan Epstein, Senior Director - Science and Content Development, Preparedness, Health & Safety Services, American Red Cross.

#### LATEST SCIENCE AND RESEARCH

#### Developing Systems of Care for STEMI Resuscitation and Stroke

*Mic Gunderson*

4:05 PM - 4:55 PM

The AHA's Mission: Lifeline is expanding from STEMI into out-of-hospital cardiac arrest and stroke. This presentation will provide an overview of the program's progress, expansion, processes, and its new strategies for fostering systems of care.



# THURSDAY DECEMBER 10, 2015

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Breakfast with the Experts!

## Welcome and Introductory Remarks

Tom Aufderheide, MD, MS, President, CCPRF;  
Ed Stapleton, EMT-P, Program Chair, and  
Dana Niles, MS, Program Co-Chair, ECCU  
8:00 AM - 8:25 AM

## GENERAL SESSION

### The New Advanced Cardiac Life Support Guidelines: Implementing with Precision and Quality!

Robert Neumar, MD, PhD  
8:25 AM - 9:15 AM



Dr. Neumar is one of the world's leading emergency medicine and resuscitation scientists, and immediate past chair of the American Heart Association ECC Committee. His presentation will review the new 2015 ACLS Guidelines and provide strategies for quality implementation including: airway management, ventilation, oxygen use, electrical therapy, adjuncts to circulation, pharmacology, and post-cardiac arrest care. Dr. Neumar, an expert in the latest guidelines, will provide the keys to seamless quality implementation!

## GENERAL SESSION

### Resuscitation Progress and Improving Outcomes: Improved Survival Over Time - Successful Models in the US

Thomas Rea, MD, MPH  
9:15 AM - 10:05 AM



Dr. Rea will report how specific EMS and hospital systems have managed change in order to improve treatment, care and improved survival from cardiac arrest in their communities. Dr. Rea has been a key leader in transforming the Seattle EMS Cardiac Arrest Resuscitation System into a center of excellence for resuscitation science. His diligent development and execution of a high quality "formula for survival" and Resuscitation Academy approach has inspired thousands of providers and saved many lives.

The guidebook for where I want our County to go.

2014 attendee

## CONCURRENT SESSIONS

### EMS: CLINICAL SOLUTIONS & BEST PRACTICES

#### Split Session: 10:35 AM - 11:25 AM A Systems Approach for PAD Program Implementation

Odelia Braun, MD; Frank Poliafico, RN;  
Thomas T. Holloway, PhD

Training and actions are not enough! This presentation will focus on implementing a sustainable PAD program resulting in effective response requiring a systems approach. This includes establishing organizational structure, clearly defined roles and providing personnel with vital tools to meet their responsibilities necessary to save more lives.

#### Creating "Willing" Responders: Incorporating Behavioral Science Principles into PAD Program Education

Odelia Braun, MD; Frank Poliafico, RN;  
Thomas T. Holloway, PhD

Knowing is not necessarily doing! Current CPR/AED training often focuses on required skills. Presenters will discuss how effective educational aspects must also be incorporated in order to develop "willing" responders. Non-technical skills such as leadership and teamwork are also essential.

### IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES

#### The New Advanced Cardiac Life Support Guidelines: Implementing with Precision and Quality!

Robert Neumar, MD, PhD  
10:35 AM - 11:25 AM

This session is a follow up to the general session of the same title to allow audience participation. Interact with the experts, ask questions, engage in dynamic discussion, and provide suggestions that have been successful in your community!

### COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE

#### Mobile Apps: Saving Lives from the Palm of Your Hand

Jack McMaster, MBA; Dominick Tolli, MBA  
10:35 AM - 11:25 AM

As smartphones become ubiquitous in society, so do their use in emergencies. In this presentation, Jack McMaster, President of Preparedness, Health and Safety at the American Red Cross, and VP Dominick Tolli will analyze the impact of the Red Cross suite of mobile apps on blood donation, emergency coordination and treating victims of cardiac and first-aid emergencies.

### EDUCATION/SIMULATION: INSTRUCTOR TOOLS & TRAINING

#### Split Session: 10:35 AM - 11:25 AM Out With the Old, In With the New: Getting Ready for New Curriculum

Mary Barber-Schmitz, IT;  
Thomas Schmitz, EMT, IT

Presenters will examine the highs and lows of adapting to revised curricula when guidelines change. This includes transferable instructor skills and strategies for instructor trainers who need to pitch the new guidelines and new courses to existing instructors.

#### ACLS Buffet - Giving Participants What They Need

Amy Turner, RN; Kostas Albertis, CCEMTP  
Speakers will describe how an interventional "Cookie Cutter" approach across patient populations cannot be effective. Traditional ACLS provides one way to present core curriculum; yet, ACLS participants vary. Training for neurosurgery vs. anesthesia vs. GI requires flexibility to meet curriculum standards while meeting individual needs and positive patient outcomes.

### LATEST RESEARCH AND SCIENCE

#### Review of the Research and Practice for Post Cardiac Arrest Care of Pediatric Population Following In and Out-of-Hospital Cardiac Arrest

Farhan Bhanji, MD, MSc (Ed);  
Allan de Caen, MD  
10:35 AM - 11:25 AM

The 2015 American Heart Association Guidelines for CPR and ECC stress the importance of providing excellent post-resuscitation care to infants and children in order to improve survival and neurologic outcome. In this session, experts will discuss the science supporting the various aspects of post-resuscitation care, and how we should translate the science into clinical practice. Dr. Bhanji is Co-Chair of ILCOR's Task Force on Education, Implementation and Teams, and Dr. de Caen is Co-Chair of ILCOR's Task Force on Pediatrics.

Networking, and the impact of having the survivors there (at the conference) makes it hit home how important the training is. It makes a difference in people's lives.

2014 attendee



Join us for the first CPR SAVES LIVES MARCH! Thursday, 11:25 AM – 1:25 PM

# CONFERENCE SCHEDULE

## THURSDAY DECEMBER 10, 2015 continued



### GENERAL SESSION

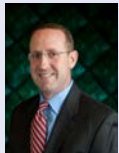
#### Resuscitation Quality Improvement (RQI) Update - How to Move Resuscitation Education Out of the Classroom and Onto the Hospital Floor

Vinay Nadkarni, MD, MS; Russell Griffin; Dana Niles, MS

1:25 PM - 2:15 PM



"Bundle up" and "Hunker down", as this distinguished 3-speaker panel including CPR Giant Dr. Vinay Nadkarni, EMS professional Russell Griffin, and research scientist Dana Niles, translate the formula for survival from science, to guideline, to hospital bedside. They will focus on how "doing the RIGHT things" and "doing the things RIGHT" make all the difference! This presentation will review best care practices and provide strategies for the implementation of a Resuscitation Quality Improvement Program. It includes recognition of the patient at risk to arrest, just-in-time, just-in-place pre-arrest preparation, methods to ensure delivery of high-quality CPR, and post-event "hot" and "cold" debriefings.



### CONCURRENT SESSIONS

#### EMS: CLINICAL SOLUTIONS & BEST PRACTICES

#### Utstein Who? ROSC Really Can Happen in Rural Environments

David Paine, EMT-P

2:25 PM - 3:15 PM

This session will see a discussion of what happened when the recognition of the disconnect between the 2010 Guidelines and local practice led a small EMS system to implement team-focused CPR training at all levels in their system. The results were beyond expectation.

The caliber of the speakers was amazing. The knowledge profound.

2014 attendee

#### IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES

Split Session: 2:25 PM - 3:15 PM

#### Focused Sonography in Cardiac Arrest

Colby Rowe, MS, NREMT-P, FP-C; Sahar Ahmad, MD

Point-of-Care ultrasound can aid in cardiac arrest to optimize diagnosis, management and prognosis of early phases arrest and post-arrest care. Learn the value and techniques of POC ultrasound in managing cardiac arrest and post-arrest care.

#### Prehospital Non-STEMI Assessment and Treatment

Paul Berlin, MS, EMT-P

During this session, participants will focus on utilizing multi-lead ECG's, biomarkers and risk stratification to increase recognition of Non-STEMI and Unstable Angina (UA) patients by prehospital providers.

#### COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE

Split Session: 2:25 PM - 3:15 PM

#### Ying and Yang of Bystander CPR

Robert Swor, DO

Bystander CPR has been shown to save lives. Community approaches to CPR training have not changed in decades. This lecture will present an evidence-based description of SCA bystanders, their actions, and obstacles to performing CPR.

#### Prolonged CPR Case Series - Vignettes of Unexpected Success

Lucinda Hodgson, NREMT-P

Speaker will present a series of cases from the Twin Cities, MN, in which prolonged CPR resulted in neurologically intact survival. This will include amazing recovery stories resulting in patients returning to their normal lives.

#### EDUCATION/SIMULATION: INSTRUCTOR TOOLS & TRAINING

#### RQI Follow Up: Resuscitation Quality Improvement (RQI) Programs - How to Move Resuscitation Out of the Classroom and Onto the Hospital Floor

Vinay Nadkarni, MD, MS; Russell Griffin; Dana Niles, MS

2:25 PM - 3:15 PM

This session is a follow-up to the general session of the same title. This will allow the speakers to dive deeper into this topic and allow the audience the opportunity to interact with the experts and ask questions.

#### LATEST RESEARCH AND SCIENCE

#### Beyond the Science - What is Next in Resuscitation (New Methods of CPR Research)

2:25 PM - 3:15 PM

Demetri Yannopoulos, MD

We are trying to improve quality in CPR and ECC systems, but where do we go from here? Join Dr. Yannopoulos to go where few have traveled before. Learn about the science that is blazing new trails for the future.

#### EMS: CLINICAL SOLUTIONS & BEST PRACTICES

#### A Prescription for Success

Michael Jacobs, EMT-P

3:25 PM - 4:15 PM

The compelling story of one EMS system's success in improving survival to hospital discharge and neurologic function following OHCA. Michael Jacobs will review his experience along with challenges and results needed to improve protocol compliance related to prescribed transformative technologies and therapies.

#### IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES

#### Targeted Temperature Management 33 vs. 36

Benjamin S. Abella, MD, MPhil

3:25 PM - 4:15 PM

Targeted temperature management (TTM) has been an essential part of high quality post arrest care for the past decade – a landmark new publication has suggested that TTM is only one component of the post-arrest "bundle of care". Speaker will review the role of post-arrest temperature management in light of these important new findings and will discuss other exciting developments in the care of patients after resuscitation from cardiac arrest. These will include the role of cardiac catheterization, neurologic prognostication and extra-corporeal membrane oxygenation (ECMO). The role of cooling in the pre-hospital EMS setting will also be discussed.

I met so many "stars" in cardiac care. I learned all the latest and greatest!

2014 attendee

In addition to the program descriptions you see in the brochure, **Lightning Rounds** and **Scientific Abstracts** – brief sessions reflecting evidence-based research or best practices from a variety of community/educational settings – will also be conducted during concurrent sessions. To ensure attendees receive the most current and relevant education, these will be selected closer to the conference dates. Final selections will be posted online at [www.eccu2015.com](http://www.eccu2015.com) prior to the conference and will be included in the onsite program guide.



# THURSDAY DECEMBER 10, 2015 continued

**COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE**

Split Session: 3:25 PM - 4:15 PM

**Heart Safe Community Designation - Getting Your State On Board**

*Kim Harkins, BS Ed, NREMT-I*

The designation process has gained traction across the U.S. In this session, learn how Minnesota is taking it to the governor and working toward becoming a HEARTSafe state. Participate in a discussion on gaining support, fundraising and partnerships.

**Strive to Revive! Translating Science into Survival: The HEARTSafe Community Concept - A Lifesaving Innovation**

*David Hiltz, NR, EMT-P*

Often it "takes a village" and indeed the entire community to make a significant difference! Hear how the HEARTSafe Community concept is designed to promote survival from sudden out-of-hospital cardiac arrest by recognizing and stimulating efforts by individual communities to improve their cardiac arrest system of care.

**EDUCATION/SIMULATION: INSTRUCTOR TOOLS & TRAINING**

Split Session: 3:25 PM - 4:15 PM

**Debriefing ACLS and PALS with the American Heart Association Structured and Supported Debriefing Model**

*David Rodgers EdD, NREMT-P,*

*Tammi Bortner*

Debriefing in advanced ECC courses is an essential component of learning. This presentation will focus on the American Heart Association Structured and Supported Debriefing Model using the GAS (Gather/Analyze/Summarize) structure and how it is used in ACLS and PALS.

**Action Linked Phrases: A Novel Approach to Life Support Training**

*David Rodgers, EdD, NREMT-P; Tammi Bortner*

Delays in compressions or defibrillation are associated with lower survival rates. This session explores how the implementation of specific, short, easy-to-state action phrases that link findings to actions speed delivery of lifesaving interventions.

**The "Conference" (is great to) network with ground-breaking scientists, advocates and survivors.**

*2014 attendee*

**LATEST RESEARCH AND SCIENCE**

**Systems and Design Thinking Applied to Out-of-Hospital CPR and AED Performance**

*Larry Starr, PhD; Allan Braslow, PhD;*

*John Pourdehnad, PhD*

3:25 PM - 4:15 PM

The power analysis and implementation can be transformative! Learn how these speakers applied systems thinking, situation awareness, and design methodology to the volatile, uncertain, complex, and ambiguous nature of OOH CPR / AED performance. Hear about their experience and recommendations that emerged beyond the Chain of Survival.

**EMS: CLINICAL SOLUTIONS & BEST PRACTICES**

**Resuscitating Santa Barbara County: How Saving Our Patients Is Saving Our EMS Responders**

*Jennie Simon, RN; Les Hugie*

4:25 PM - 5:15 PM

Learn how using a system-wide, integrated approach to improving cardiac arrest response can dramatically improve SCA survivor rates. Hear from the speakers about a strengthened sense of value and teamwork among personnel as they witness their efforts save lives!

**IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES**

**The CPR Triple Plan: Building a CPR Response Team for 1.5 Million People**

*Edward Stapleton, EMT-P;*

*Pam Kostic, RN, BA, CCCC;*

*Yvonne Leippert, RN, MS, CCRN*

4:25 PM - 5:15 PM

This session will present three strategies for improving the rate of Bystander CPR in a large suburban county of 1.5 million people. The three elements include: CPR in schools, mass training, and a comprehensive incentive program for training organizations.

**COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE**

**High Fidelity Simulation and CPR: An Added Value**

*Maurizio Menarini, MD*

4:25 PM - 5:15 PM

One of the missions of the Italian Red Cross is the spread of CPR and early defibrillation culture. The required organizational, formative and technological effort has not yet achieved uniform outcomes in the Italian Territory, leaving plenty of room for improvement. The exceedingly low percentage of CPR and defibrillation carried out by lay people and the inadequate attention to quality CPR, Q-CPR leaves plenty of room for improvements. Dr. Menarini, President, Italian Red Cross, Provincial Committee of Bologna, will discuss how High Fidelity Simulation can represent a powerful instrument to obtain an early and qualified intervention.

**EDUCATION/SIMULATION: INSTRUCTOR TOOLS AND TRAINING**

**Breaking Through Bystander Reactions: Can We Get Bystanders to Act Based on How We Teach Them First Aid?**

*Joanna Muise; Emily Oliver*

4:25 PM - 5:15 PM

Research on bystander intervention has historically looked at clinical outcomes, which may not consider the wider aspect of "intention" – having the propensity to act in the event of an emergency. Can we influence action by how we teach first aid?

**LATEST RESEARCH AND SCIENCE**

**Longitudinal Study on Retention of CPR Performance Quality**

*Eric Chappell, OD*

4:25 PM - 5:15 PM

A longitudinal study on retention of CPR quality for 54 consecutive months. Objectively assessed CPR skills performance was maintained at around 80% competence. Discussion includes the role of accuracy and tolerances in the measurement device.

## CONFERENCE LEARNING OBJECTIVES

Each conference session's topic and presentation material will link to one or more of the following conference learning objectives:

1. List and describe one or more survivor/rescuer stories that can be used to illustrate an effective chain of survival for cardiac arrest.
2. List and describe how to implement three (3) new effective CPR training techniques in your hospital/EMS system or community.
3. Describe three (3) effective community-wide implementation strategies that improve sudden cardiac arrest survival rates.
4. Describe three (3) ways that media can improve the number of people trained in CPR and willing to act in an emergency.
5. Share three (3) best strategies for innovative implementation of the newly revised 2015 CPR and ECC Guidelines in your hospital/EMS system/community.

# CONFERENCE SCHEDULE

## FRIDAY DECEMBER 11, 2015



### Opening Remarks

Tom Aufderheide, MD, MS, President, CCPRF;  
Ed Stapleton, EMT-P, Program Chair, and Dana  
Niles, MS, Program Co-Chair, ECCU 2015  
8:00 AM - 8:30 AM

### GENERAL SESSION

#### A Question of Sport: From the Schoolyard Playground to the Olympic Stadium

David A. Zideman, MD, LVO, QHP(C),  
MBBS, FRCA, FIMC  
8:30 AM - 9:20 AM



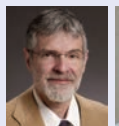
Cardiac arrest on the field of play is dramatic, often preventable, and requires swift and effective action. Dr. Zideman is a past chairman of the European Resuscitation Council and an ILCOR "Giant of

Resuscitation Medicine." He also served as the lead for Emergency Medical Care at the 2012 London Olympic and Paralympic Games. He will discuss SCA in youth during sports and share interesting perspectives on the sophisticated response systems that he and others have developed for major sports venues such as the UK Olympic games in London and Rio de Janeiro.

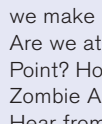
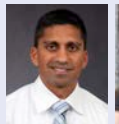
### GENERAL SESSION

#### How to Implement a CPR Training Program in My School/College/ University; and Innovations like How to Stop the Zombie Apocalypse!

Stuart Berger, MD; Jeff Ranous;  
Ed Stapleton, EMT-P; Irf Asif, MD;  
Jennifer Edwards, BA  
9:20 AM - 10:10 AM



Why is school CPR training so important and how do



we make it a reality? Are we at a Tipping Point? How to Stop the Zombie Apocalypse? Hear from a panel

of experts led by Dr. Stu Berger, one of the nation's premier pediatric cardiologists and leader in a national campaign to prevent SCA deaths in children and teens, on the status of school CPR and AED programs, legislation, models for implementation and how to address barriers, innovations, and more!

### CONCURRENT SESSIONS

#### EMS: CLINICAL SOLUTIONS & BEST PRACTICES

Split Session: 10:20 AM - 11:10 AM

#### How to Build Successful Law Enforcement AED Programs

Loralee Olejnik, EMT-B

Law enforcement officers with AEDs can increase survival for SCA patients. Hear direct from various stakeholders (Fire/EMS, police officers, politicians, community advocates) how to come together to establish an officer AED program in your community.

#### Death from Cardiac Arrest is a Real Crime! Can Law Enforcement Reduce Time to CPR and First Shock?

David Hiltz, NR, EMT-P

Law enforcement can play a pivotal role in reducing time to CPR and first shock. Let's take a look at the science, best practices and real world examples highlighting the lifesaving potential of law enforcement response in sudden cardiac arrest.

#### IN-HOSPITAL: CLINICAL SOLUTIONS & BEST PRACTICES

#### Training the In-Hospital Code Team: A Multi-Faceted Targeted Approach

Kostas Alibertis, CCEMTP;  
Jonathan Howard, RN  
10:20 AM - 11:10 AM

Sometimes it needs to be "all things for all people"! Code Teams are composed of a variety of rotating staff. Presenters will discuss how targeted simulation, modular delivery of ACLS, quarterly education, enhanced topics (gap analysis) skills lab, and CPR feedback are the cure to prospectively enhance delivery of care at the bedside.

#### COMMUNITY: PREPARE, RESPOND, SURVIVE & THRIVE

Split Session: 10:20 AM - 11:10 AM

#### Project ADAM - Implementing CPR-AED Programs Across the Nation

Allison Thompson

Project ADAM helps



schools across the nation implement CPR-AED programs. A panel of affiliate coordinators and medical director experts will share program resources and best practices to support implementation of school CPR-AED programs.

#### CPR in High Schools: What Can Be Learned from 7 Years of Experience?

Derek Hoyme, MD; Dianne Atkins, MD

Iowa has had legislation in place since 2008 mandating CPR training as a requirement for high school graduation. Speakers will present data from a state-wide survey providing seven years of experience for states with new or non-existent CPR programs.

#### EDUCATION/SIMULATION: INSTRUCTOR TOOLS AND TRAINING

#### Use of Simulation to Adapt Fire Ground Tactics to Cardio Resuscitation

Michael Mondor, EMP-T, Peter Tanghe, MD  
10:20 AM - 11:10 AM

In this presentation, the speakers will share how they use simulation to identify and adapt known fireground tactics and incident command structure to deliver high quality CPR. They will discuss how this approach provides a more logical association than auto-racing or aviation.

#### LATEST RESEARCH AND SCIENCE

#### Emergency Cardiopulmonary Bypass for Cardiac Arrest: Implications for EMS and the ED

Vincent Mosesso, Jr., MD  
10:20 AM - 11:10 AM

ECB is a potentially life-saving therapy for refractory cardiac arrest and severe shock. This presentation will inform about what ECB is, how it works, how this treatment can be implemented, and implications for EMS and emergency care providers.

### GENERAL SESSION

#### AWARDS ANNOUNCEMENTS AND CLOSING

11:20 AM - 12:00 PM

#### William H. Montgomery, MD Excellence in Education Award



William H. Montgomery, MD

Dr. William Montgomery is a giant in the field of ECC and co-founder of the Citizen CPR Foundation.

His interest in promoting high quality CPR and ACLS training for the last four decades makes him the perfect namesake for this distinguished award recognizing excellence at ECCU. Join us as CCPRF announces the winner.

#### ECCU Video Minute Contest Award Winner

Ed Stapleton, CCPRF; Mary Newman, SCAF

The top five ECCU Public Service Announcements will be recognized and the contest winner announced!

#### People Saving People Award

Mary Newman, President, SCAF

The winner of the "People Saving People" Award will be announced and the award presented by the Sudden Cardiac Arrest Foundation.

#### ECCU 2015 Conference Recap

Tom Aufderheide, MD, MS;  
Ed Stapleton, EMT-P; Vinay Nadkarni, MD, MS



## REGISTRATION INFORMATION

### CONFERENCE FEES

Early Bird Full Conference Registration (register by September 25, 2015)	\$545
Full Conference Registration (register September 26, 2015 and later)	\$595
Survivors	\$60 per day/ \$175 full conference
One-Day	\$275 per day
Two-Day	\$500
Exhibit Hall Only	\$25 per day
Guest Registration (includes Opening Reception and Breakfast with the Experts only)	\$95
Opening Reception Only	\$50

### PRE-CONFERENCE PROGRAM FEES

Half-Day Pre-Conference	\$120
Full-Day Pre-Conference	\$210
AHA: Instructor Update and Courses	\$55 per session or \$150 for all sessions (HS, BLS, ACLS, PALS/PEARS)
American Red Cross Open House	*Limited to 100 attendees NO CHARGE
National Safety Council Meeting	NO CHARGE
Resuscitation Officer Program (2 days)	\$300
Resuscitation Academy (1/2 day)	\$25 (available to Full Conference Registration attendees only)

### Group Discounts

Group discounts are available with full conference registration only. Discounts only apply to attendees from the same agency who register together. Group discounts can be used with Early Bird registration but cannot be combined with other promotions or discounts.

- 2 Person Discount (same agency) \$50 each
- 3-5 Person Discount (same agency) \$75 each
- More than 5 Person Discount (same agency) \$100



### Method of Registration



Register on-site at the ECCU 2015 registration desk on Monday, December 7 through Friday, December 11.

### Pre-register [www.ECCU2015.com](http://www.ECCU2015.com)

#### The Americans with Disabilities Act (ADA) Statement on Special Needs

The Citizen CPR Foundation is committed to making ECCU 2015 accessible to all individuals. If you need auxiliary aid(s) or service(s) as identified in the Americans with Disabilities Act or have a dietary restriction, please describe your needs in the conference registration form or send an email to [info@eccuconference.com](mailto:info@eccuconference.com). Most requests can be accommodated if notification is received by November 16, 2015.

#### The Citizen CPR Foundation History and Mission



The Citizen CPR Foundation (CCPRF) was founded in 1987 to strengthen the Chain of Survival and serve as host for the biennial ECCU Conference. Our mission is to save lives from sudden death by stimulating citizen and community action. CCPRF has been educating instructors and resuscitation practitioners on current CPR and ECC guidelines for over 25 years. CCPRF's founding partners are: the American Heart Association, the American Red Cross and the Heart and Stroke Foundation of Canada.

### Registration for the full ECCU Conference includes:

- Educational sessions
- Admittance to the Exhibit Hall
- Access to the ECCU Opening Reception in the Exhibit Hall
- Continental breakfasts and refreshment breaks in the Exhibit Hall

Lunch is not included with your registration. However, *Cash and Carry* lunch options will be available in the exhibit hall on Wednesday, December 9.

### Confirmation

Once you have registered, you will be sent a confirmation email. When you receive your confirmation, please check the spelling of your name and the events for which you have registered to ensure they are correct. The information in your confirmation email will be used for your name badge. If there is an error, please do not re-register. Instead, contact the CCPRF registrar at [info@eccuconference.com](mailto:info@eccuconference.com) or (913) 906-7026. If you do not receive a confirmation email, please contact the registrar to verify your registration.

### Badge/Conference Information

All attendees who register in advance may pick up their badge and registration materials at the CCPRF Registration Desk upon checking-in at the conference.

### Cancellations and Refunds

All cancellations must be submitted in writing. Written cancellation can be emailed to [info@eccuconference.com](mailto:info@eccuconference.com), faxed to 913.402.1771 or mailed to CCPRF Headquarters (7304 W. 130th Street, Suite 370, Overland Park, KS 66213). Verbal cancellations will not be accepted. CCPRF will provide a cancellation number for confirmation.

If you have not submitted payment and do not attend the conference, the full registration fee will be due if written cancellation is not received by Friday, December 4, 2015.

If you have submitted payment and written cancellation is received by CCPRF on or before Friday, December 4, 2015, your registration fee will be refunded with the exception of a \$100 processing fee. No refunds will be made after Friday, December 4, 2015. CCPRF will not apply payments to future conferences.

### Questions

If you have questions regarding registration, please contact the CCPRF registrar at [info@eccuconference.com](mailto:info@eccuconference.com) or (913) 906-7026.

#### Continuing Education Accreditation

The ECCU program is approved by the Center for Healthcare Education, Inc. for continuing education credit for EMTs, Paramedics and Nurses. Center for Healthcare Education, Inc. is a nationally recognized provider of quality continuing education courses. The content of each session and qualifications of each speaker have been approved by a panel of medical experts to ensure participants receive up-to-date information relevant to the practice of emergency medicine and pre-hospital care. Participants will receive hour for hour continuing education credit for successful completion as required by national regulatory agencies. International participants will receive an official certificate upon completion that meets and exceeds continuing education requirements established by the United States. Accreditation is provided for Nurses (CEP# 11246) and EMT/ Paramedics (CAEMSA# 33-0011) through the Center for Healthcare Education, Inc.



CITIZEN CPR  
FOUNDATION

Helping citizens and communities save lives

7304 W. 130th Street, Suite 370  
Overland Park, KS 66213  
www.eccu2015.com

# ECCU2015

Emergency Cardiovascular Care Update

Conference December 8-11

Pre-Conference December 7-8

Manchester Grand Hyatt, San Diego, California

## PROGRAM HIGHLIGHTS

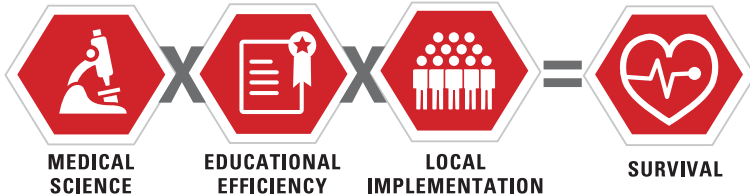
- Learn the new 2015 Resuscitation Guidelines from the researchers and authors.
- Hear from world renowned experts including ILCOR "Giants of Resuscitation Medicine" Tom Auerheide, MD; Mary Fran Hazinski, MS, RN; Bob Berg, MD and more.
- Create a worldwide network with faculty and colleagues and join over 1500 in beautiful San Diego!

**REGISTER EARLY  
AND SAVE UP TO \$150!**

Visit [www.eccu2015.com](http://www.eccu2015.com)

# A MUST ATTEND EVENT

**THE NEW 2015 RESUSCITATION GUIDELINES:  
TRANSLATING SCIENCE INTO SURVIVAL**



**ECCU2015**   
Emergency Cardiovascular Care Update



**"Come join and challenge the leaders of Resuscitation Science, Training and Implementation as we roll out new guidelines and training approaches! This is going to be the most interactive, controversial and exciting conference that teams up scientists, trainers, providers, and survivors...to help SAVE LIVES in every community! Don't miss it!"**

Vinay Nadkarni, MD, MS

Endowed Chair, Anesthesia and Critical Care Medicine, University of Pennsylvania Perelman School of Medicine  
Co-Chair, International Liaison Committee on Resuscitation (ILCOR)

