CARDIAC ARREST SURVIVAL
SUMMIT
Presented by the Citizen CPR Foundation
DECEMBER 10-13, 2019
SEATTLE, WASHINGTON

Inform - Motivate - Activate
Improving survival in our global community.

JOIN US AT THE HYATT REGENCY SEATTLE!
808 Howell St. Seattle, WA 98101

Conference December 10-13 • Pre-Conference December 9 & 10

Presented by

REGISTER NOW AT CITIZENCPR.ORG/SUMMIT
DEAR COLLEAGUES,

On behalf of the Citizen CPR Foundation, I’m delighted to invite you to the Cardiac Arrest Survival Summit - the world’s largest and most-inclusive convening in the field of sudden cardiac arrest (SCA). The Summit (formerly known as ECCU) is devoted to sharing the latest science, educational tactics and system implementation strategies that can help you improve your community’s survival rates from SCA. The robust program focuses on the conference theme, “Inform - Motivate - Activate. Improving Survival in our Global Community”.

As we gather in “sunny Seattle”, the Citizen CPR Foundation partners with the Global Resuscitation Alliance, the Resuscitation Academy, Medic One, and all organizations that bring people together spanning the entire chain of survival, including survivors, for genuine discussion and debate of information, ideas, innovations, new developments and trends in resuscitation science and systems that will save more lives around the world!

We look forward to welcoming you to the Cardiac Arrest Survival Summit 2019.

Vinay Nadkarni, MD
President, Citizen CPR Foundation

Welcome to Seattle

Come to Summit 2019 and take advantage of all that Seattle has to offer. Stay with your colleagues at the beautiful Hyatt Regency Seattle located in the heart of downtown Seattle, just a short distance to the city’s many attractions and restaurants. While attending the conference, take time to experience the city. Walk through the historic Pike Place Market or visit some of the most popular attractions including the Space Needle and the Chihuly Garden and Glass. Enjoy the cuisine at any of the city’s notable restaurants or take time to venture farther and immerse yourself in the Pacific Northwest’s incredible landscapes, like Bainbridge Island, Mount Rainer National Park and beyond.

Reserve Your Room Today! A limited number of rooms at the Hyatt Regency Seattle are available to Summit attendees at the special nightly rate of $195 (single/double occupancy) until November 15, 2019 or until sold out. See www.citizencpr.org/summit, Travel & Accommodations, for the passcode link to reserve your room.

Transportation The Hyatt Regency Seattle is located 14 miles from the airport.

“Presentations from the most respected leaders in cardiac care…”
“The education was endless and I got to meet the inventor of CPR!”

– meeting attendees
EXHIBIT HALL SCHEDULE

Tuesday, December 10, 2019
7:00 PM – 9:00 PM
Summit Opening Reception

Wednesday, December 11, 2019
7:00 AM – 4:15 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 12, 2019
7:00 AM – 2:00 PM Exhibit Hall Open
7:00 AM – 8:00 AM Breakfast with the Champions
10:05 AM – 10:35 AM Morning Break in Exhibit Hall
11:25 AM – 12:45 PM Cash/Carry Lunch in Exhibit Hall

CONFERENCE HIGHLIGHTS

Latest Updates from the American Heart Association and the American Red Cross. Also featuring the Global Resuscitation Alliance and the Resuscitation Academy.

Citizen CPR Foundation’s Launch of HEARTSafe Communities™
The HEARTSafe Community program provides a set of criteria based on guidelines and best practices to help communities respond to SCA. By meeting criteria such as widespread CPR instruction, public access to defibrillators, and aggressive resuscitation protocols for first responders and area hospitals, communities will earn the official designation of HEARTSafe Community, including signage. Scaling the program nationwide is an exciting new focus for the Citizen CPR Foundation who is issuing a call to key stakeholders who implement SCA safety protocols in communities and business of all kinds to attend the Summit and find out how to create safer communities.

William H. Montgomery, MD, Excellence in Education Award
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 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 post conference.

CPR Saves Lives - A Rock N’ Roll Celebration
Seattle has a rich history of rock musicians including Jimi Hendrix, Nirvana, Pearl Jam, Kenny Loggins, Death Cab for Cutie, Soundgarden, Foo Fighters, Modest Mouse, and Fleet Foxes. Please join us for a musical extravaganza celebrating survivors, their rescuers, and CPR at the Summit Opening, Tuesday at 5:00 PM.

New 40 Under 40 Award recognizes achievements in the field
To recognize and connect emerging leaders and heroes in the field, the Citizen CPR Foundation has established the 40 Under 40 Award. The program will recognize 40 honorees who have made a difference in cardiac arrest survival at the Cardiac Arrest Survival Summit. Nominate yourself or someone else at citizencpr.org/40-under-40/ beginning July 1.

Women in Resuscitation Leadership
Every day women strive to master the challenges of demanding personal and professional lives. Sharing that experience can be powerful and empowering — a defining moment that can be life-changing. The Women in Resuscitation Leadership Session at the Cardiac Arrest Survival Summit is an opportunity to do just that. This event will include a moderated panel discussion enabling current and aspiring women leaders across the field of resuscitation to connect, underline their significant roles, and explore how to build on their success.

CPR Mass Training Event and Survivor Gathering
Thursday, after end of afternoon sessions, don’t miss the CPR Mass Training event organized by the Local Planning Committee (LPC) and open to the public, which is the culmination of an 8-month video project highlighting “CPR in the Community” events leading up to the Summit. Also, meet the large gathering of survivors that the LPC and Survivor Committee are bringing together. For further information, visit citizencpr.org/summit.

21ST OPENING RECEPTION
Located in the Exhibit Hall
Tuesday, December 10, 2019
7:00 PM – 9:00 PM
Network with faculty and industry leaders in the Summit 2019 Exhibit Hall during the very popular Opening Reception! Enjoy appetizers and a beverage as you mingle with 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 11, 2019
7:00 AM – 8:00 AM

BREAKFAST WITH THE CHAMPIONS
Located in the Exhibit Hall
Thursday, December 12, 2019
7:00 AM – 8:00 AM
SCHEDULE AT A GLANCE

PRE-CONFERENCE WORKSHOPS

MON
1:00 PM - 5:00 PM  High Performance CPR: Train the Trainer

TUE
8:00 AM - 5:00 PM  American Heart Association: ACLS EP Instructor Course

10:00 AM - 1:00 PM  Cardiac Arrest Collaborative Town Hall Meeting

CONFERENCE OPENING

TUE
5:00 PM - 5:40 PM  Opening Ceremony and CPR Saves Lives - A Rock 'N' Roll Celebration

5:40 PM - 6:15 PM  From the Seattle Seahawks to the Heart of Seattle: Creating Resilient Communities of CA Responders and Survivors – Tod Leiweke, CEO, NHL Seattle, Jon Dreizen, MD

6:15 PM - 7:00 PM  Keynote Speaker - Global Resuscitation Alliance - Saving More Lives Together – Mickey Eisenberg, MD, Freddy Lippert, MD

7:00 PM - 9:00 PM  Summit Opening Reception Extravaganza in Exhibit Hall

SESSIONS

WEDNESDAY
7:00 AM - 8:00 AM  Breakfast with the Exhibitors

7:00 AM - 5:00 PM  Exhibit Hall Open

8:00 AM - 8:25 AM  Welcome and Introductory Remarks

8:25 AM - 9:15 AM  Hans H. Dahil Award Presentation - Improving Survival from Sudden Cardiac Arrest with the Alchemy of Shoulders, Head, Hands and Heart – Mary Fran Hazinski, RN, MSN

9:15 AM - 10:05 AM  American Heart Association Hot Topics in Science: Survivorship – Kelly Sawyer, MD, MS; Opioids – Cameron Dezfulian, MD, Comilla Sasson, MD, PhD; T-CPR –

10:00 AM - 2:00 PM  Morning Break in the Exhibit Hall

12:25 PM - 1:45 PM  Lunch on Your Own/Exhibit Hall Open

1:45 PM - 2:35 PM  Global Resuscitation Alliance - Telecommunicator CPR – Thomas Rea, MD, MPH, YihYng Ng, MD

2:45 PM - 3:35 PM  Global Resuscitation Alliance - Telecommunicator CPR

3:35 PM - 4:05 PM  Afternoon Break in the Exhibit Hall

4:05 PM - 4:55 PM  Launching PAD in Your Community: Starting AED Programs from the Ground Up

THURSDAY
7:00 AM - 8:00 AM  Breakfast with the Champions

7:00 AM - 2:00 PM  Exhibit Hall Open

7:00 AM - 4:00 PM  Registration Open

7:00 AM - 5:00 PM  Welcome and Introductory Remarks

8:25 AM - 9:15 AM  Building Lifesaving Communities: Over 100 Years of Improving Survival Rates Through Increasing Bystander Response, Engaging Healthcare Providers, Technology and

9:15 AM - 10:05 AM  Planes, Trains, Automobiles...and Healthcare?? What does High Reliability Mean? – Rekha Ranganathan, President, CAE Healthcare

10:05 AM - 10:35 AM  Opening Ceremony and CPR Saves Lives - A Rock N' Roll Celebration

10:25 AM - 11:15 AM  Global Resuscitation Alliance - Community Programs – David Waters, Fionna Moore, MD

11:25 AM - 12:15 PM  Global Resuscitation Alliance - Community Programs (continued)

12:25 PM - 1:45 PM  Lunch on Your Own/Exhibit Hall Open

1:45 PM - 2:35 PM  Global Resuscitation Alliance - High Performance CPR – Michael Sayre, MD, Matthew Ma, MD, PhD

2:25 PM - 3:15 PM  Global Resuscitation Alliance - Community Programs

3:25 PM - 4:15 PM  Using the Victorian Ambulance Cardiac Arrest Registry to Measure and Improve Bystander CPR

4:30 PM - 6:30 PM  CPR Mass Training Event and Survivor Gathering

FRIDAY
7:00 AM - 10:00 AM  Registration Open

9:00 AM - 10:00 AM  Morning Beverage Station

8:00 AM - 8:30 AM  Welcome and Introductory Remarks

8:30 AM - 9:20 AM  Global Resuscitation Alliance - High Performance CPR – Michael Sayre, MD, Matthew Ma, MD, PhD

9:20 AM - 10:10 AM  Sudden Cardiac Death in Our Youth: Task Force and More

10:20 AM - 11:10 AM  Global Resuscitation Alliance - High Performance CPR

11:20 AM - 12:10 PM  Maternal Cardiac Arrest: Modifications to BLS and ACLS

12:20 PM - 12:50 PM  Award Announcement and Closing

Sunday May 12, 2019
9:20 AM - 10:10 AM  Global Resuscitation Alliance - High Performance CPR – Michael Sayre, MD, Matthew Ma, MD, PhD

10:20 AM - 11:10 AM  Global Resuscitation Alliance - High Performance CPR

11:20 AM - 12:10 PM  Maternal Cardiac Arrest: Modifications to BLS and ACLS
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**Community/Survivor: Prepare, Respond, Survive & Thrive**

**Education/Simulation: Instructor Tools & Training**

**Michael Kurz, MD; Ethical Debates in Resuscitation**  – Vinay Nadkarni, MD, MS; Benjamin Abella, MD, MPhil

- Disparities in Cardiac Arrest, Resuscitation and Outcomes
- Understanding Life After Hospital Discharge: Why Measuring Quality of Life and Patient-Centred Outcomes After Cardiac Arrest Matters
- Management of Sudden Cardiac Arrest in Sports

**American Heart Association Focused Updates**

- Meet the Experts from American Heart Association CPR Guidelines

**Disparities in Cardiac Arrest, Resuscitation and Outcomes**

**Understanding Life After Hospital Discharge: Why Measuring Quality of Life and Patient-Centred Outcomes After Cardiac Arrest Matters**

**Management of Sudden Cardiac Arrest in Sports**

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**Innovative Educational Approaches**  – David Markenson - MD, CMO, Red Cross Training Services

- Transforming the Public’s Perception to Create a Culture of Action
- Designing Improved and More Effective CPR and Resuscitation Education

**Transforming the Public’s Perception to Create a Culture of Action**

**Designing Improved and More Effective CPR and Resuscitation Education**

**Tarek Elabbady, Ph.D., Chief Technology Officer (CTO) of Emerging Markets Digital Transformation, Microsoft, Jenn Roth, Director Global Healthcare Product Marketing, Microsoft Cloud Group**

- TryFonden’s Contribution to Case Denmark - The Story About How Denmark Tripled the Survival Rate Over a Period of 15 Years
- Citizen CPR Foundation’s Launch of HEARTSafe Communities™

**New Standard of Resuscitation Care**

**Tools for Teaching Cardiac Arrest Management**

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**SPLIT SESSION: Cardiac Arrest: Lay Responder Realities, Perceptions and Residual Effects / Winning Hearts & Minds to Save Lives**

**If Instructors Don’t Teach Truth (And They Don’t!) What Should They Teach?**

**Bridging the Diversity and Inclusion Gap with CPR Education: “De Corazon” Let’s No Language be a Barrier!**

**SPLIT SESSION: The Power of Heartache and Hilarity / Starting a Support Group for SCA Survivors: Enlisting Support and Advocacy**

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**FOLLOW US AT #CASSummit**
**PRE-CONFERENCE WORKSHOPS**

**MONDAY DECEMBER 9, 2019**

**High Performance CPR: Train the Trainer**
Mike Helbock, M.I.C.P., Jonathan Larsen
Seattle - King County Resuscitation Academy
1:00 PM – 5:00 PM
Fee: $50
Limited to 50 full-conference registrants
Learn from the original architects of the HP-CPR program and perform "mastery-level" HP-CPR through instrumented manikins and develop a choreographed team approach to help increase survival for patients of sudden cardiac arrest in YOUR community!

**SUMMIT OPENING RECEPTION EXTRAVAGANZA**
Exhibit Hall
7:00 PM - 9:00 PM

**TUESDAY DECEMBER 10, 2019**

**ACLS EP Instructor Course**
Allen McCullough, Frank Banfer, David Rodgers, Ed.D, EMT-P, NRP, Erik Soderberg, MS, Shari Evans
8:00 AM - 12:00 PM
Fee: $249
Course is for those proficient in performing BLS and ACLS skills, reading and interpreting ECGs, understanding ACLS pharmacology, who regularly lead or participate in emergency assessment and treatment of prearrest, arrest or postarrest patients.

**Resuscitation Officer Program**
David Hiltz, Tom Aufderheide, MD, Bridgid Joseph, RN, Vinay Nadkarni, MD, Ed Stapleton, EMT-P; Tanya Lane Truitt, RN, MS
8:00 AM - 12:00 PM; 1:00 PM - 5:00 PM
Fee: $250
This 8-hour certificate program is designed to prepare physicians, nurses and allied healthcare professionals to organize and implement cardiac arrest guidelines, innovations and best practices aimed at improving outcomes from cardiac arrests that occur in the hospital setting. Focus areas include code committee and code team organization, process improvement, emergency ultrasound, targeted temperature management, post resuscitation PCI, ECMO, high-quality training, mock codes, comprehensive CQI and more! A "must" program for Code Committee Chairs, Members and Code Team Responders.

**EAGLES: Better Ensuring the Chain of Recovery with Best EMS Practices**
Paul Pepe, MD, MPH, Jonathan Jui, MD, Christopher Colwell, MD, J. Joelle Donofrio, DO, Andrew McCoy, MD, MS, Scott Youngquist, MD, MSc
8:00 AM - 12:00 PM; 1:00 PM - 5:00 PM
Fee: $250
The highly-respected "Eagles" consortium, a de facto coalition of the jurisdictional EMS (9-1-1 system) medical directors from the nation's largest cities, regularly present distinct challenges to accepted practice. With creative approaches to problem-solving, they have routinely changed worldwide practices. In this full day, dynamic, interactive workshop, members of the "Eagles" will report on and discuss some of the latest advances and best practices in resuscitation and ECC being explored by members of this cutting-edge group. Participate in dynamic learning activities from these world-class experts.

**TTM Academy: A Post-Arrest Care Bootcamp**
Benjamin Abella, MD, MPhil, David Buckler, EMT-P
8:00 AM - 12:00 PM; 1:00 PM - 5:00 PM
Fee: $250
Targeted temperature management and coordinated post-arrest care remains a vital link in the cardiac arrest chain of survival. This workshop will arm you with knowledge and resources to create or improve the TTM program at your hospital or EMS agency.

**Resuscitation Academy Alumni Event**
Ann Doll, Mickey Eisenberg, MD, PhD
8:00 AM - 12:00 PM; 1:00 PM - 5:00 PM
Fee: $250 for non-alumni
The first-ever worldwide Resuscitation Academy Alumni meeting will bring RA fans and friends together to learn and share experiences from the last 10 years. The faculty is excited to share new resources and programs that amplify the impact of our work.

**New Resuscitation Suite, Opioid and Severe Bleeding Education - Enhance and Expand Your Education**
David Markenson, MD, Jonathan Epstein, MEMS, NRP, Joseph Rossano, MD, Nathan Charlton, MD
1:00 PM - 5:00 PM
Fee: $150
Hear from internationally recognized experts on new Red Cross education programs (Resuscitation Suite, Opioid and Severe Bleeding), how to implement these programs to expand your business, and the technology tools available to improve outcomes.

**Cardiac Arrest Collaborative Town Hall Meeting**
Tom Aufderheide, MD, Lance Becker, MD, Jack McMaster, MBA, Comilla Sasson, MD, PhD (Moderators: Clifton Calloway, MD, Richard Bradley, MD)
2:30 PM - 4:30 PM
Fee: No Charge
Town Hall Meeting to hear the latest on the progress of the national Cardiac Arrest Collaborative.

**OPENING CEREMONY & CPR SAVES LIVES – A ROCK N’ ROLL CELEBRATION**
5:00 PM – 5:40 PM
Vinay Nadkarni, MD, MS, President, CCPRF; Ed Stapleton, EMT-P, Program Chair and David Hiltz, Co-Chair, Cardiac Arrest Survival Summit; Tom Rea, MD, MPH, Mickey Eisenberg, MD, Michael Sayre, MD, and Darla Varrenti, Jenn Roth, Co-Chairs, Local Planning Committee

**OPENING SESSION**
From the Seattle Seahawks to the Heart of Seattle: Creating Resilient Communities of Cardiac Arrest Responders and Survivors
Tod Leiweke, CEO of NHL Seattle, Jon Dreznzer, MD
5:40 PM - 6:15 PM
Tod Leiweke, former Seattle Seahawks CEO and current CEO of NHL Seattle, will deliver a TedX-style presentation relating his personal journey, identifying how business leaders and professional sports teams can play critical roles to help make our schools, neighborhoods, and sporting venues prepared and equipped to respond appropriately to SCA. Using the example of the how the Seattle Seahawks supported the Heart of Seattle Schools Project will illustrate how high profile organizations can foster important community initiatives. This dynamic presentation will include Mr. Leiweke being interviewed by Jonathan Dreznzer, MD, Director, Center for Sports Cardiology at the University of Washington and Team Physician for the Seattle Seahawks and Reign FC.

**KEYNOTE**
Global Resuscitation Alliance - Saving More Lives Together
Mickey Eisenberg, MD, Freddy Lippert, MD
6:15 PM - 7:00 PM
EMS leaders, researchers, and experts from throughout the world are working to increase cardiac arrest survival through implementation of best practices and programs. Learn about the Global Resuscitation Alliance’s effort to improve survival.

**SUMMIT OPENING RECEPTION EXTRAVAGANZA**
Exhibit Hall
7:00 PM - 9:00 PM
**WEDNESDAY DECEMBER 11, 2019**

**Breakfast with the Exhibitors**
Exhibit Hall  7:00 AM - 8:00 AM

**Exhibit Hall Open**
7:00 AM - 4:15 PM

**Registration Open**
7:00 AM - 5:00 PM

**Welcome & Introductory Remarks**
Vinay Nadkarni, MD, MS, President, CCPRF, Ed Stapleton, EMT-P, Program Chair, David Hiltz, Program Co-Chair

8:00 AM - 8:25 AM

**HANS H. DAHLL AWARD PRESENTATION & LECTURE**

Hans H. Dahl Award Presentation - Mary Fran Hazinski, RN, MSN – Recipient
Vinay Nadkarni, MD, MS, Mary Fran Hazinski, RN, MSN
8:25 AM - 9:15 AM

The late Hans H. Dahl 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. Dahl Award in his honor and has presented the award at every ECCU conference since 1990.

This prestigious award will be presented to Mary Fran Hazinski in recognition of her outstanding contributions and leadership in advancing the field of resuscitation, research, and education.

**Improving Survival from Sudden Cardiac Arrest with the Alchemy of Shoulders, Head, Hands and Heart**
Mary Fran Hazinski, RN, MSN
8:25 AM - 9:15 AM

In this presentation Mary Fran Hazinski will discuss experiences and mentors that contributed to her passion for teaching and editing resuscitation scientific statements, and will provide suggestions for improvement in resuscitation quality and commitment to excellence.

**GENERAL SESSION**

American Heart Association Hot Topics in Science
Kelly Sawyer, MD, MSc, Cameron Dezfulian, MD, Comilla Sasson, MD, PhD, Michael Kurz, MD, Vinay Nadkarni, MD, MS, Benjamin S. Abella, MD, MPhil
9:15 AM - 10:05 AM

The American Heart Association presents the latest hot topics in science including Survivorship, Opioids, T-CPR, and Ethical Debates in Resuscitation.

**Optional Event: Survivor Tour at Stryker**
10:00 AM - 2:00 PM

**Morning Break in the Exhibit Hall**
10:05 AM - 10:35 AM

**CONCURRENT SESSIONS**

**EMS: Clinical Solutions & Best Practices**

**Eagles: Ensuring Best Practices in EMS**
Paul Pepe, MD, Andrew McCoy, MD, MS, Christopher Colwell, MD, J. Joelle Donofrio, DO, Jonathan Jui, MPH, MCCM, Scott Youngquist, MD, MSc
Session 1: 10:35 AM - 11:25 AM
Session 2: 11:35 AM - 12:25 PM

The so-called “Eagles” Coalition (medical directors of the largest U.S. EMS Systems) has been designing and promoting effective prehospital resuscitative strategies that have consistently advanced emergency cardiovascular care worldwide. The Eagles’ sessions always generate active audience discussion with creative approaches that not only routinely change management practices, but also inspire attendees to do the same! In these sessions, advances and best practices in resuscitation and emergency cardiovascular care being explored by several of the jurisdictional medical directors from the nation’s highest-volume EMS systems will be presented and discussed.

**In Hospital: Clinical Solutions & Best Practices**

**Post-arrest Targeted Temperature Management: New Insights into Implementation**
Benjamin Abella, MD, MPhil
10:35 AM - 11:25 AM

Hear from leading researcher, and winner of the William Montgomery MD Excellence in Education Award Dr. Ben Abella as he discusses strategies for TTM implementation using the latest clinical science.

**Community/Survivor: Prepare, Respond, Survive & Thrive**

**Disparities in Cardiac Arrest, Resuscitation and Outcomes**
English Flack, MD, Richard Lamphier, RN, Ten Campbell, RN, BSN, CEN, CFRN, Joseph Rossano, MD
10:35 AM - 11:25 AM

Leaders from the Citizen CPR Foundation’s Task Force on SCA in Youth will discuss the work of their committee in documenting and defining how race, age, gender and socioeconomic status affect the survivability of out-of-hospital cardiac arrest. Dr. Rossano’s group has performed research in this specific area and has also documented major disparities in the provision of bystander CPR in children who suffer a cardiac arrest by socioeconomic characteristics of the neighborhood where the cardiac arrest occurred. Each of the two presentations will discuss strategies to improve outcomes in vulnerable populations and to eliminate or minimize disparities.

**In Hospital: Clinical Solutions & Best Practices**

**Achieving High Reliability in Hospital-based Cardiovascular Emergencies and Resuscitation Programs with Robust Process Improvement**
Christine Noller, JD, LLM, David Berry, PhD, MHA, AT, ATC
11:35 AM - 12:25 PM

High reliability, consistent performance of safety and quality over long periods of time is the goal of all healthcare organizations. The focus of this presentation is the application of Robust Process Improvement (RPI) approaches.

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**Exceptional delivery of content by industry leaders.”**
— meeting attendee
CONFERENCE SCHEDULE

GENERAL SESSION

Global Resuscitation Alliance - Telecommunicator CPR
Thomas Rea, MD, MPH, Yih-Ying Ng, MD
1:45 PM - 2:35 PM
Telecommunicators save lives by coaching callers through CPR. A robust TCPR program includes ongoing training and quality improvement. Leaders from around the world discuss strategies to overcoming barriers to implementing TCPR programs.

CONCURRENT SESSIONS

EMS: Clinical Solutions & Best Practices
Global Resuscitation Alliance - Telecommunicator CPR
Thomas Rea, MD, MPH, Yih-Ying Ng, MD
2:45 PM - 3:35 PM
This session is a follow up to the general session of the same name and allows for audience participation and dynamic interaction with the experts.

In Hospital: Clinical Solutions & Best Practices
Saving Hearts and Winning Minds Through Dedicated In-Hospital Code Team Training
Heather Delaney, MD, Holly Ortega, BSN, MS, MSN, DNP, RNC, John Hunninghake, MD, Raquel Trevino, RN, BSN, MA, MS-BC, Renee Matos, MD, MPH
2:45 PM - 3:35 PM
Improving cardiac arrest outcomes is about more than improved team performance; it includes involving stakeholders and selling your product to convince code team members why and how their participation can save lives!

Community/Survivor: Prepare, Respond, Survive & Thrive
Management of Sudden Cardiac Arrest in Sports
Jonathan Drezner, MD
11:35 AM - 12:25 PM
Sudden cardiac arrest is the leading cause of sudden death in young athletes during sports. In this presentation, leading researcher Dr. Drezner will review how to recognize SCA in an athlete and the appropriate steps of an on-field resuscitation.

Education/Simulation: Instructor Tools & Training
Meet the Experts from American Heart Association CPR Guidelines
Ashish Panchal, MD, PhD, RDMS, Jonathan Duff, MD, Marilyn Escobedo, MD, Jeffrey Pellegrino, PhD
11:35 AM - 12:25 PM
This session is a follow up to the session on AHA Focused Updates and allows for audience participation and dynamic interaction with the experts.

Lunch On Your Own / Exhibit Hall Open
12:25 PM - 1:45 PM

Education/Simulation: Instructor Tools & Training
2019 First Aid Guidelines Update
Nathan Charlton, MD, Nici Singletary, MD
2:45 PM - 3:35 PM
AHA and Red Cross First Aid guidelines are based on evidence evaluation by the International Liaison Committee on Resuscitation. In this presentation, ILCOR First Aid Task Force Chair Dr. Singletary, and Dr. Charlton summarize updates on hypoglycemia, presyncpe, heat stroke, and control of life-threatening bleeding.

Afternoon Break in the Exhibit Hall
3:35 PM - 4:05 PM

EMS: Clinical Solutions & Best Practices
Launching PAD in Your Community: Starting AED Programs from the Ground Up
Loralee Olejnik, MA, EMT-B
4:05 PM - 4:55 PM
This presentation will cover the foundational basics of successful planning and implementation of Public Access Defibrillation (PAD) programs.

In Hospital: Clinical Solutions & Best Practices
Advances in Pediatric Resuscitation
Joseph Rossano, MD, Mary Newman, MS
4:05 PM - 4:55 PM
This presentation will review recent advances in pediatric resuscitation including bystander CPR, importance of rescue breaths for young children, and advanced resuscitation including ECMO.

Community/Survivor: Prepare, Respond, Survive & Thrive
Call-Push-Show: A National Movement to Save Lives, Based on Consumer Messaging Research
Mary Newman, MS, Martha Lopez-Anderson, Jennifer Chap
4:05 PM - 4:55 PM
Learn about a national movement based on consumer research urging the public to learn CPR and using an AED. See why dozens of organizations have joined the campaign that might be right for your community, too.

Education/Simulation: Instructor Tools & Training
Opioids Impact on Resuscitation Education and Care
Jonathan Epstein, MEMS, NRP
4:05 PM - 4:55 PM
As the opioid crisis expands it is critical to examine how resuscitation programs address opioid overdose education. Must we re-think the initial assessment and care of the unresponsive patient?

Stop the Bleed: Battlefield Lessons to a National Campaign
Craig Goolsby, MD, MEd
4:05 PM - 4:55 PM
Battlefield-style injuries are becoming increasingly common at home. In this section, Dr. Goolsby, Education Science Director, National Center for Disaster Medicine & Public Health, will describe the science underlying Stop the Bleed, program creation, and ongoing educational research efforts to provide lifesaving trauma care by the lay public.

THURSDAY

December 12, 2019

Exhibit Hall Open
7:00 AM - 8:00 AM

Breakfast with the Champions
7:00 AM - 8:00 AM

Registration Open
7:00 AM - 5:00 PM

Welcome & Introductory Remarks
Vinay Nadkarni, MD, MS, President, CPRF, Ed Stapleton, EMT-P, Program Chair, David Hiltz, Program Co-Chair
8:00 AM - 8:25 AM

GENERAL SESSION

Building Lifesaving Communities: Over 100 Years of Improving Survival Rates Through Increasing Bystander Response, Engaging Healthcare Providers, Technology and Innovative Educational Approaches
David Markenson, MD
8:25 AM - 9:15 AM
Learn how the Red Cross uses best practices, technology, and innovative tools to bring lifesaving education and improved outcomes to healthcare institutions, EMS systems, and professional responders around the world and across the U.S.

GENERAL SESSION

Planes, Trains, Automobiles...and Healthcare?? What Does High Reliability Mean?!
Rekha Ranganathan, President, CAE Healthcare
9:15 AM - 10:05 AM
Discover what healthcare can learn from other industries, including aviation, for building a high-reliability organization with good training outcomes; deploying integrated tools that allow end-to-end assessment of training; changing the paradigm towards adaptive learning environments; and driving change in practices toward evidence-based training.
Morning Break in the Exhibit Hall
10:05 AM - 10:35 AM

CONCURRENT SESSIONS
EMS: Clinical Solutions & Best Practices
Caring for the Caregiver: The Missing Link
Tom Greenhalgh, LICSW, NRP
10:35 AM - 11:25 AM
Most education focuses on the "operations" of an emergency such as high-quality CPR. But the "human" side of these responses is often missed. The speaker will explore the potential impact of these responses and offer ways of maintaining responder resiliency.

In Hospital: Clinical Solutions & Best Practices
Planes, Trains, Automobiles...and Healthcare??
What Does High Reliability Mean?!
Rekha Ranganathan, President, CAE Healthcare
10:35 AM - 11:25 AM
This session is a follow up to the general session of the same name and allows for audience participation and dynamic interaction with the expert.

Community/Survivor: Prepare, Respond, Survive & Thrive
Transforming the Public’s Perception to Create a Culture of Action
Martha Lopez-Anderson, Victoria Vetter, MD, MPH
10:35 AM - 11:25 AM
Learn from leaders from the Citizen CPR Foundation's Task Force on SCA in Youth about "Creating a Culture of Action" with unified messaging and a web-based toolkit for awareness and education of sudden cardiac arrest in youth, and primary and secondary prevention strategies.

Education/Simulation: Instructor Tools & Training
American Red Cross: Designing Improved and More Effective CPR and Resuscitation Education
David Markenson, MD
10:35 AM - 11:25 AM
Learn how the Red Cross Resuscitation Suite program (BLS, ALS, and PALS) was developed and designed, and how this program utilizes technology and innovative educational approaches to improve outcomes.

Lunch On Your Own / Exhibit Hall Open
11:25 PM - 12:55 PM

GENERAL SESSION
Global Resuscitation Alliance - Community Programs
David Waters, Fionna Moore, MD
1:25 PM - 2:15 PM
Bystander CPR increases a victim's chance of survival exponentially. Find out what EMS leaders in Australia, Scotland, and King County are doing to implement cutting edge programs to increase rapid CPR and defibrillation prior to arrival of EMS.

CONCURRENT SESSIONS
EMS: Clinical Solutions & Best Practices
Global Resuscitation Alliance - Community Programs
David Waters, Fionna Moore, MD
2:25 PM - 3:15 PM
This session is a follow up to the general session of the same name and allows for audience participation and dynamic interaction with the experts.

In Hospital: Clinical Solutions & Best Practices
Does Your In-Hospital Mock Code Training Make a Difference?
Kelly Boardley, BSN, RN, CEN, Mark Sawdon, MICP, NRP
2:25 PM - 3:15 PM
Does your Mock Code Training Program translate to better patient outcomes, positive staff development and a reproducible, systematic approach to cardiac arrest? Please join us as we present how one local hospital has been successful at doing all three!

Community/Survivor: Prepare, Respond, Survive & Thrive
TryFonden's Contribution to Case Denmark - the Story About How Denmark Tripled the Survival Rate Over a Period of 15 Years
Grethe Thomas RN, MA
2:25 PM - 3:15 PM
Hear the story behind the TryFonden Foundation's contribution to Case Denmark, and how this initiative saw the tripling of survival rates over 15 years. Learn about the strategic goals, collaborations, focus on research, public awareness campaign, the Danish AED network and the schools, First Aid Manners, the Heartrunner Project and what’s next!

Education/Simulation: Instructor Tools & Training
New Standard of Resuscitation Care
Russell Griffin, LP, FP-C
2:25 PM - 3:15 PM
We know that CPR skills decay within 3-6 months of training thus we need a paradigm shift – a transformation – in how we prepare healthcare providers to be competent and confident so that every patient, every time, receives high quality CPR leading to even more cardiac arrest survivors. This session will allow attendees to learn how a combination of mastery learning, spaced learning, feedback and quantitative assessment are used to create highly competent healthcare providers.

Transition 2:15 PM - 2:25 PM

EMS: Clinical Solutions & Best Practices
Using the Victorian Ambulance Cardiac Arrest Registry to Measure and Improve Bystander CPR
Karen Smith, PhD, Kyle Dyson, PhD, Stephen Bernard, MBBS, MD, Tony Walker, ASM
3:25 PM - 4:15 PM
Learn about how Ambulance Victoria has successfully used cardiac arrest registry data to assess the quality of care, identify areas for improvement, and drive change. Speakers will highlight a key success of the registry in measuring and driving improvements in bystander CPR.

In Hospital: Clinical Solutions & Best Practices
Revive - Initiative for Resuscitation Excellence at Stanford Children’s Health
Jeff Chan, BA, Lynda Knight, MSN, RN, Marc Berg, MD, Ralph Gonzales, Paramedic
3:25 PM - 4:15 PM
In this session, learn about Revive, which provides innovative education through interprofessional simulation, improves quality of care through advocacy and research, and facilitates collaboration across SCH and beyond, with the vision to save lives through excellence in resuscitation.

Community/Survivor: Prepare, Respond, Survive & Thrive
Citizen CPR Foundation’s Launch of HEARTSafe Communities™
David Hiltz, EMT-P
3:25 PM - 4:15 PM
The HEARTSafe Communities™ program is a system that coordinates and integrates each facet of care into a choreographed group effort, focusing on neurologically intact survival to discharge from the hospital. In meeting criteria such as widespread CPR instruction, public access to defibrillators, and aggressive resuscitation protocols for first responders and area hospitals, communities can earn the official designation of HEARTSafe Community™ (HSC). Hear from HSC spokesperson David Hiltz and a panel of experts about how your community can become an officially designated HEARTSafe Community™ as the Citizen CPR Foundation launches a campaign to engage and empower communities and citizens to move the needle on improved SCA survival rates through this program.

EDUCATION/SIMULATION: INSTRUCTOR TOOLS & TRAINING
Tools for Teaching Cardiac Arrest Management
Mary Barber-Schmitz, NREMT, Thomas Schmitz, NREMT
3:25 PM - 4:15 PM
Training EMTs and other prehospital providers in cardiac arrest management presents special challenges. This session will highlight motor skill teaching principles and techniques that are especially helpful for this audience and this set of skills.

CPR Mass Training Event and Survivor Gathering
4:30 PM - 6:30 PM

www.citizencpr.org/summit
### CONFERENCE SCHEDULE

**FRIDAY**
**DECEMBER 13, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
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<tbody>
<tr>
<td><strong>Morning Beverage Station</strong> 9:00 AM - 10:00 AM</td>
<td>Registration Open 7:00 AM - 12:00 PM</td>
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<tr>
<td><strong>Welcome &amp; Introductory Remarks</strong> 7:00 AM - 12:00 PM</td>
<td>Vinay Nadkarni, MD, MS, President, CCPRF;      Ed Stapleton, EMT-P, Program Chair; David Hiltz, Program Co-Chair</td>
</tr>
</tbody>
</table>

### GENERAL SESSION

**Global Resuscitation Alliance - High Performance CPR**

Michael Sayre, MD, Matthew Ma, MD  
8:30 AM - 9:20 AM  
HP-CPR is more than just being quick and efficient. It’s about understanding the science of resuscitation, continuous training, ongoing feedback, and leadership. EMS leaders will share their experiences on how best to implement and sustain this program.

### GENERAL SESSION

**Sudden Cardiac Death in Our Youth: Task Force and More**

Stuart Berger, MD, Allison Thompson, CHES, MBA, English Flack, MD, Jeff Ranous, Jonathan Drezer, MD, Martha Lopez-Anderson, Richard Lamphier, RN, Victoria Vetter, MD, MPH  
9:20 AM - 10:10 AM  
Dr. Stu Berger, one of the nation’s premier pediatric cardiologists, will lead this session of expert faculty in summarizing the work of the Citizen CPR Foundation’s Task Force on SCA in Youth. The session will focus on management of SCA in sports and prevention of sudden cardiac death in athletes; strengthening cardiac emergency response plans in communities and schools; increasing survival rates through consistent messaging, collaborations & web-based tools; and disparities in resuscitation and strategies to improve survival.

### In Hospital: Clinical Solutions & Best Practices

**Maternal Cardiac Arrest: Modifications to BLS and ACLS**

Joshua Croland, MDMBA, Mary Ann Liner, APRN, CNP, Mary Wheeler, RNC, BS  
10:20 AM - 11:10 AM  
This presentation will highlight actionable information that can make a difference to all in-hospital and out of hospital first responder team members involved in a maternal cardiac arrest.

### Community/Survivor: Prepare, Respond, Survive & Thrive

**Winning Hearts & Minds to Save Lives**

Jennifer Chap  
Learn about the Pre-Chain of Survival—the steps required to move the public from confusion to action. Jennifer Chap of StrataVerve applies her 30+ years of expertise in strategic marketing for consumer brands to the cause of OHCA survival.

### In Hospital: Clinical Solutions & Best Practices

**Cardiac Arrest Pharmacology: Do Drugs Really Work?**

Peter Kudenchuk, MD  
11:20 AM - 12:10 PM  
Discussion of the role and limitations of drug therapies commonly deployed during the resuscitation of cardiac arrest in light of recent clinical trials.

### Community/Survivor: Prepare, Respond, Survive & Thrive

**Starting a Support Group for SCA Survivors: Enlisting Support and Advocacy**

Frances Lesicko, MA  
Support groups for SCA survivors have an important role in social support for survivors and family, but they come with logistical issues. These groups can also become an important advocacy and training resource. Learn how to start and maintain one.

### Education/Simulation: Instructor Tools & Training

**If Instructors Don't Teach Truth (And They Don't) What Should They Teach?**

Mark Forgues, Med, NRP  
10:20 AM - 11:10 AM  
Instructors are infected with the same issues as in the past: we all believe that what comes out of our mouths is the “truth”. In this session the speaker will discuss how to develop instructors with the ability to differentiate between science and belief.

### EMS: Clinical Solutions & Best Practices

**Overcoming Challenges to Telecommunicator CPR**

Brett Patterson, Julie Buckingham, Chris Fischer  
Telecommunicator CPR is vital for improving cardiac arrest survival rates—so why isn’t it implemented nationwide? Join this session to learn best practices from T-CPR pioneers and resources available that identify how to overcome common challenges.

### EMS: Clinical Solutions & Best Practices

**The Current State of Dispatcher-directed CPR/AED Use: Quantifying Evidence for Improving Emergency Medical Dispatch Practice**

Daniel Ashwood, PhD  
This presentation will be an aggregated discussion of findings from 3 studies conducted by the International Academies of Emergency Dispatch (IAED) surrounding dispatch-directed cardiopulmonary resuscitation (DD-CPR) for OHCA.

### Transition 11:10 AM - 12:00 AM

### Transition 12:10 AM - 12:20 AM

### AWARD ANNOUNCEMENT & CLOSING REMARKS

12:20 PM – 12:50 PM

Summit Video Minute Contest Award Winner

Ed Stapleton, CCPRF; Mary Newman, SCAF

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

### Summit 2019 Conference Recap and William H. Montgomery, MD, Award Presentation

Vinay Nadkarni, MD, MS, President, CCPRF;      Ed Stapleton, EMT-P, Program Chair; David Hiltz, Program Co-Chair

“I walked away armed with practical knowledge!” — meeting attendee
REGISTRATION INFORMATION

Method of Registration
Pre-register online at www.citizencpr.org/summit or register on-site at the registration desk, Monday December 9 through Friday December 13.

Registration for the full Cardiac Arrest Survival Summit includes:
• Educational sessions
• Admittance to the Exhibit Hall
• Access to the 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 11 and Thursday December 12.

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@citizencpr.org or (913) 906-7026. If you do not receive a confirmation email, please contact the registrar to verify your registration.

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

• More than 3 Person Discount (same agency/same location), $25 off per person

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.

Questions
If you have questions regarding registration, please contact the CCPRF registrar at info@citizencpr.org or (913) 906-7026.

CONFERENCE FEES

<table>
<thead>
<tr>
<th>Event</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Early Bird Full Conference Registration</td>
<td>$595</td>
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<tr>
<td>(register by September 30, 2019)</td>
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<tr>
<td>Full Conference Registration</td>
<td>$620</td>
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<tr>
<td>(register October 1, 2019 and later)</td>
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<tr>
<td>Survivors</td>
<td>$60 per day/ $175 full conference</td>
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<tr>
<td>One-Day</td>
<td>$275 per day</td>
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<tr>
<td>Two-Day</td>
<td>$500</td>
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<tr>
<td>Exhibit Hall Only</td>
<td>$25 per day</td>
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<tr>
<td>Guest Registration</td>
<td>$95</td>
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<tr>
<td>(includes Opening Reception and Breakfast with the Experts only)</td>
<td></td>
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<tr>
<td>Opening Reception Only</td>
<td>$50</td>
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PRE-CONFERENCE PROGRAM FEES

<table>
<thead>
<tr>
<th>Event</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Half-Day Pre-Conference</td>
<td>$150</td>
</tr>
<tr>
<td>Full-Day Pre-Conference</td>
<td>$250</td>
</tr>
<tr>
<td>Cardiac Arrest Collaborative Town Hall Meeting</td>
<td>NO CHARGE</td>
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</tbody>
</table>

Cancellations and Refunds
All cancellations must be submitted in writing. Written cancellation can be emailed to info@citizencpr.org, 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, November 22, 2019.

If you have submitted payment and written cancellation is received by CCPRF on or before Friday, November 22, your registration fee will be refunded less $100 processing fee. No refunds will be made after Friday, November 22. CCPRF will not apply payments to future conferences.

Exhibit or Sponsor
For more information on exhibiting and sponsorship opportunities, visit citizenprf.org/exhibit-sponsor.

The Americans with Disabilities Act (ADA) Statement on Special Needs
The Citizen CPR Foundation is committed to making Cardiac Arrest Survival Summit 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@citizencpr.org. Most requests can be accommodated if notification is received by November 10, 2019.

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. The mission of the Citizen CPR Foundation is to save lives from sudden cardiac arrest by stimulating effective community, professional, and citizen 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.

Continuing Education Accreditation
The 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 continuing education credit after 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 continuing education credit as required by national regulatory agencies. International participants will receive an official certificate upon completion that meets and exceeds continuing education requirements established by United States EMS and Nursing regulatory agencies. Accreditation is provided for Nurses (CEP# 11246) and EMT/ Paramedics (CAEMSA# 33-0011) through the Center for Healthcare Education, Inc.

Enter the Cardiac Arrest Survival Summit video contest! To view contest rules, deadline and details visit sca-aware.org/video-contests.
Inform - Motivate - Activate
Improving survival in our global community.

REGISTER EARLY AND SAVE $25 OR MORE!
Visit www.citizencpr.org/summit

PROGRAM HIGHLIGHTS

- Attend the latest AHA and ARC updates and interact with the experts.
- Learn the latest science and cutting-edge strategies for education, program implementation and quality improvement from world-renowned experts.
- Be part of the nationwide launch of the HEARTSafe Community Program.
- Learn about the Global Resuscitation Alliance, the Resuscitation Academy and the 40 Under 40 Award recognizing emerging leaders and heroes.
- Create a worldwide network with faculty and colleagues, building professional and personal connections.