



American
Heart
Association.



Bringing SCIENCE *to* LIFE

November 16-18, 2020



American
Heart
Association®

**Our mission is to be a relentless force
for a world of longer, healthier lives.**

That's our purpose – the reason we exist –
and our guiding values ensure we commit
to that mission daily.

2024 Impact Goal: Every person deserves the
opportunity for a full, healthy life. **As champions
for health equity,** by 2024, the American Heart
Association will advance cardiovascular health for
all, including identifying and removing barriers to
health care access and quality.

GREETINGS



Mitchell S.V. Elkind, MD, MS, FAAN, FAHA
President

We are honored to welcome you as our distinguished guests for Scientific Sessions, the premier global gathering of health innovators and influencers devoted to advancing the science of cardiovascular diseases and stroke. Created with you in mind, this very special program provides an insider's view of groundbreaking research, vital public health issues and exciting possibilities on the science front.

You'll hear the latest on COVID-19 from an illustrious panel of experts, including Dr. Anthony Fauci, the preeminent authority on infectious diseases.

The virtual format enables you to engage with the world's most prominent cardiovascular and cerebrovascular scientists, researchers and thought leaders. There will be many opportunities to ask questions and dive into compelling topics — from maternal cardiovascular health, to the role of data in health care delivery, to social determinants of health and more.

This program book is your guide to an unforgettable experience in *Bringing Science to Life*. Explore, engage and enjoy!

Thank you for supporting our mission to be a relentless force for a world of longer, healthier lives.



Nancy Brown
Chief Executive Officer
Cor Vitae Society
Paul Dudley White Legacy Society

With Heart,

A handwritten signature in black ink that reads "Mitchell S.V. Elkind".

Mitchell S.V. Elkind, MD, MS,
FAAN, FAHA
President

A handwritten signature in black ink that reads "Nancy A Brown".

Nancy Brown
Chief Executive Officer

National GIVING SOCIETIES

A heartfelt thank you goes to members of our national giving societies – Cor Vitae Society and Paul Dudley White Legacy Society. You represent the association’s most generous supporters, and we are incredibly grateful for your dedication to the AHA’s mission. You are at the heart of what makes extraordinary, lifesaving work possible.

Last year, Cor Vitae Society members contributed more than \$88 million in mission support through their annual donations. Since the society’s inception in 1956, Paul Dudley White Legacy Society members have committed more than \$3 billion dollars through their estates, ensuring future impact for years to come.

These gifts support local work in our communities nationwide, as well as bold new initiatives with national impact. An exceptional community of individuals, our national giving societies members are united by a determination to ease the burden of cardiovascular diseases and stroke.

Your support has funded the research of 14 Nobel prize winners in the areas of science, research and technology. The next lifesaving discovery could be made by one of the many experts you will get to know during our time together.

For nearly a century, you’ve been instrumental in helping us make an extraordinary difference in the lives of millions of people. Together, we drive maximum impact on equitable health and well-being in the United States and around the world.



Tom and Diane Taylor at Scientific Sessions 2019

“We value sharing our time and resources with our community to make a difference in the lives of those who need it the most. The scope of the impact of the organization is tremendous, and we are lifelong advocates of the mission. We have faith the AHA will make a positive impact on individuals, families and communities for years to come.”

Diane and Thomas Taylor
Cor Vitae Society - Pacesetter’s Circle
Paul Dudley White Legacy Society

Cor Vitae
Society

The Cor Vitae Society — *Latin for heart of life* — brings together people whose inspiring commitment makes our lifesaving work possible. The Society recognizes those whose generous annual gifts support work in our communities nationwide, as well as those who make direct gifts for bold new initiatives with national impact. Cor Vitae Society members are the heartbeat of the association, driving maximum impact in equitable health and well-being around the world. Cor Vitae membership topped 6,770 in the last year, representing nearly \$88 million in philanthropic support.

Paul Dudley White
Legacy Society

The Paul Dudley White Legacy Society honors generous donors who have included the AHA in their wills, trusts or other estate plans. Named after Dr. Paul Dudley White, an AHA founder who’s considered the father of preventive cardiology, more than 5,940 members have committed to leaving a legacy of support.



Bringing SCIENCE *to* LIFE

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OVERVIEW *of* SESSIONS

MONDAY, NOVEMBER 16

All Honored Guest Sessions will be hosted via online meetings. All times listed are Central time zone.

2:00 – 3:00 PM **A CONVERSATION WITH CEO NANCY BROWN**

Hear from CEO Nancy Brown on the American Heart Association's foremost priorities and focus areas as a leader in health and health equity.

With moderation and opening remarks from James J. Postl

TUESDAY, NOVEMBER 17

10:30 – 11:30 AM **SCIENTIFIC SESSIONS 2020: COVID-19: PUBLIC HEALTH AND SCIENTIFIC CHALLENGES**

The intersection of COVID and cardiovascular disease in adults and children will be presented, as well as exploration of the long-term impact on health. Panel includes Dr. Anthony Fauci, director of the National Institute of Allergy and Infectious Diseases.

11:45 – 12:30 PM **COVID-19 Q & A DISCUSSION**

Take advantage of a follow-up session to the panel discussion on COVID-19 and get your questions answered.

With Regina Benjamin, MD and Mitchell S.V. Elkind, MD

2:00 – 2:45 PM **A SOCIAL IMPACT CONVERSATION**

From delivering groceries to low-income seniors to helping estranged fathers improve their parenting skills to spearheading farm-to-table leadership and beyond, gain insights from the Association's leadership on our work to forward a wide range of social impact initiatives that can influence health.

With Liz Abunaw, Forty Acres Fresh Market and Social Impact Investee, Regina Benjamin, MD and Raymond Guthrie

WEDNESDAY, NOVEMBER 18

NOON – 1:00 PM **CONNECT WITH THE CEO: CRITICAL INSIGHTS FROM SCIENTIFIC SESSIONS**

*Join CEO Nancy Brown and special guests, **Mitchell S. V. Elkind, MD, Donald Lloyd-Jones, MD, Manesh Patel, MD and Svati Shah, MD** as they share highlights of late-breaking research and more from Scientific Sessions 2020.*



Conversation CONNECTIONS

For nearly a century, the American Heart Association has made an extraordinary difference in the lives of millions of people. But heart disease and stroke are still the world's top killers, and we know there's a lot more to do.

That's why we work with volunteers, partners and people like you to fulfill our mission: to be a relentless force for a world of longer, healthier lives. Your passion and support help us fight these devastating diseases in very specific ways.

Our work is guided by five pillars:


-  Leading breakthroughs in science and technology
-  Changing systems
-  Changing policy
-  Transforming health care
-  Transforming communities

We fulfill our mission by funding groundbreaking research and encouraging innovative research collaborations; translating science into prevention, treatment and care standards; improving the quality of care delivery in clinical and community settings; and saving lives through CPR training and emergency cardiovascular care.

We also convene key partners and volunteers to transform systems, policies and communities to build an equitable foundation of health and well-being for everyone, with a focus on those who experience the greatest health disparities. Equity is at the center of our work, and it will continue to guide all that we do.

Today, during a pandemic, we remain a steadfast source of scientific advances, reliable clinical care guidelines, community support and information that people know and trust.

People are counting on us as never before — and thanks to your generosity, we're reaching them. Here are some of the ways your support improves lives within our communities, across our nation and around the world.



The AMERICAN HEART ASSOCIATION'S *Response to* COVID-19

When the coronavirus pandemic emerged, it became clear that the world would require dedicated resources, determination and persistence to unravel the mysteries of COVID-19. Knowing the effects of the virus would have immeasurable impact on our people, our economy and our health systems, the American Heart Association launched a rapid response strategy to lessen the impact of COVID-19.

The AHA has been working diligently to find answers to pressing questions about COVID-19, address exposed inequities in historically excluded communities, meet the needs of health care workers and ensure that people everywhere have the resources they need. The AHA is collaborating with researchers, medical experts, hospitals, community leaders, businesses, families and others to find solutions that will save lives, transform communities and support health systems.

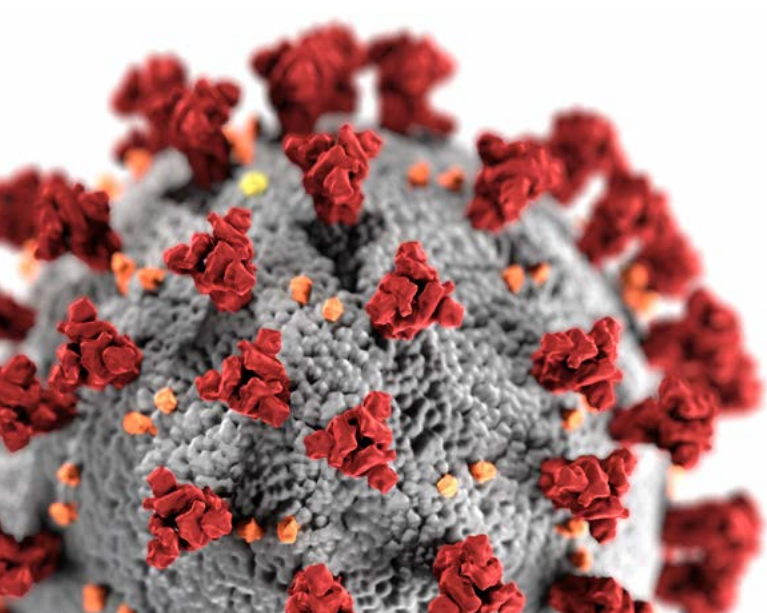
Rapid Response Research

In March 2020, the American Heart Association put out a rapid response call for research proposals to accelerate scientific research to better understand COVID-19 and its interaction with cardiovascular/cerebrovascular diseases. With less than a two-week submission deadline, the response was tremendous, with more than 750 applications submitted, marking this as one of the largest number of submissions to an AHA single topic request for applications. Research began in June with additional grants issued in August. Initial key findings and results from these research studies are being presented during 2020 Scientific Sessions. With available funding for only 21 projects, many questions remain to be answered.

COVID-19 CVD Registry

The American Heart Association established the COVID-19 Cardiovascular Disease Registry (COVID-19 CVD Registry) to better understand the clinical treatment patterns and variations—including the collection of biomarkers—and cardiovascular outcomes in hospitalized COVID-19 patients across the nation.


A growing list of over 160 U.S. hospitals are participating, offering more than 21,000 patient records for research and systems improvement. Focusing on real-time data from acute care hospitals, clinicians and researchers across the country are improving their understanding of how to treat COVID-19 patients. To lower barriers to participation, AHA has made the COVID-19 CVD Registry available to all hospitals and health systems across the US at no charge.

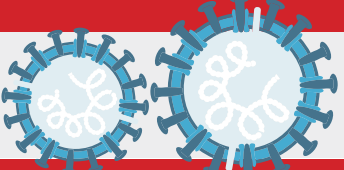


The COVID-19 CVD Registry builds upon twenty years of the AHA's successful hospital quality improvement efforts. Registry data helps hospitals and medical centers by fueling the research studies that will provide guidance for treating future patients. With COVID-19 data research, we will leverage the data from all the studies to discover new answers that can lead to improved health care decision-making, better understanding of evidence-practice gaps and improved patient outcomes for COVID-19 patients.

Making an impact against COVID-19

Why we're committed to fighting coronavirus







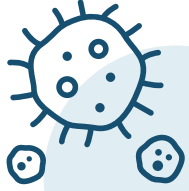

American Heart Association.



75%

of people hospitalized with COVID-19 had a **high-risk condition**

Those at greatest risk of serious complications or death are:

 <p style="text-align: center;">People with coronary heart disease or high blood pressure</p>	 <p style="text-align: center;">Stroke survivors may have a higher risk of complications</p>	<p style="text-align: center;">People with diabetes</p> 
<p style="text-align: center;">People with severe obesity (BMI of 40 or higher)</p>  <p style="text-align: center;">and People age 65+</p> 	<p style="text-align: center;">People with serious chronic lung, liver or kidney conditions</p> 	<p style="text-align: center;">People with compromised immune systems</p> 

Patient Support

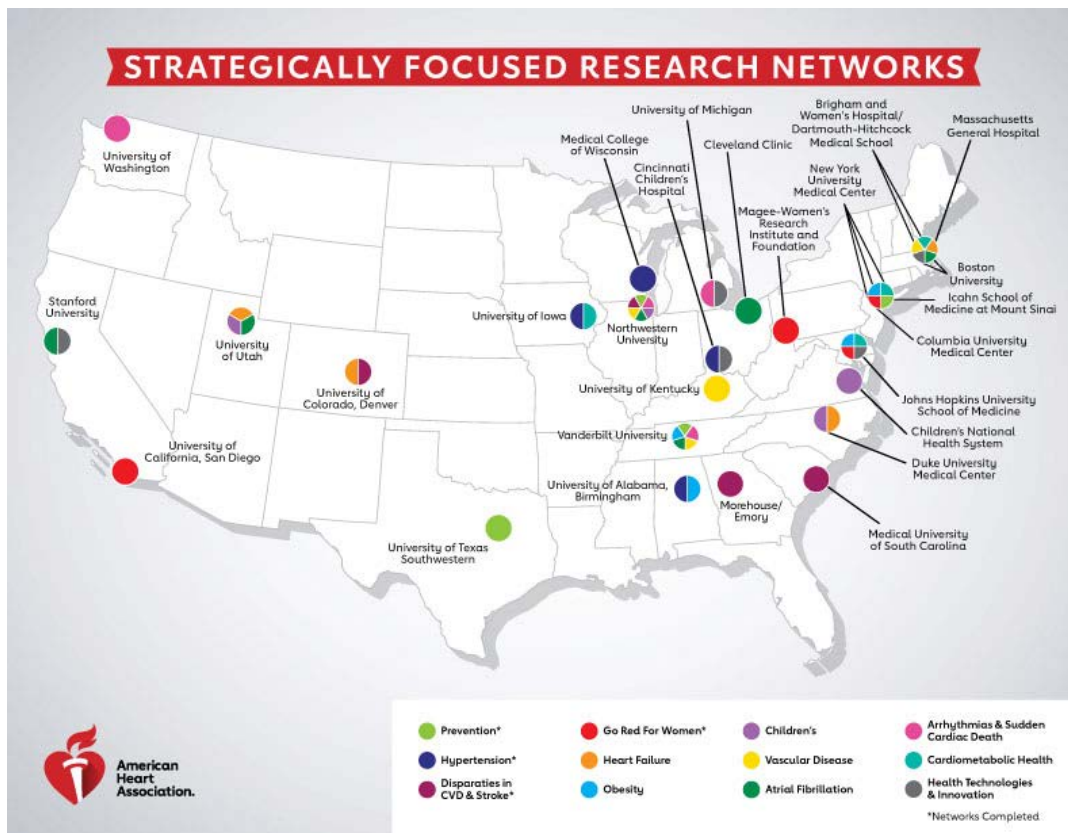
Each year, hundreds of thousands of people contact the American Heart Association's National Engagement Center via our toll-free number, e-mail, and/or chat to access free educational resources and information about cardiovascular diseases from a customer care representative. During the global pandemic, with patient outreach increasing, we are hopeful to expand our Patient Support Network with a new online community specific to those with COVID-19 and their caregivers, and to add additional medical professionals to the National Engagement Center. With COVID-19 causing cardiovascular or stroke events in those previously unaffected, caring support and reliable information is in demand more than ever.



LEADING BREAKTHROUGHS IN SCIENCE AND TECHNOLOGY

Funding scientific research is a cornerstone of the American Heart Association’s lifesaving mission. Since 1949, more than \$4.6 billion in research investments have led to important medical advancements including techniques and standards for CPR, the first artificial heart valve, implantable pacemakers, cholesterol inhibitors, microsurgery and drug-coated stents.

The American Heart Association’s research platform, fueled by peer-review, is the foundation of our work, ensuring that funded research is highly meritorious and positioned to offer the most meaningful additions to the overall scientific body of work.

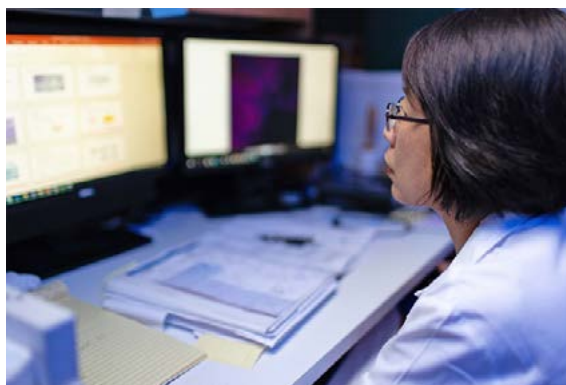


Strategically Focused Research Networks

Established to break through the siloes in institutional research and generate novel solutions faster, a Strategically Focused Research Network (SFRN) is a multi-institutional, multi-disciplinary research collaboration focused on preventing, diagnosing and treating a specific urgent area. Each Network has a subset of centers comprised of researchers from top institutions, as well as early-career Fellows who are mentored by these world-class researchers on their path to leadership in the field. These Centers collaborate to address key strategic issues such as disparities in cardiovascular disease and stroke, hypertension, and prevention of cardiovascular diseases. A new Cardio-Oncology SFRN will begin in 2021.

Data-Driven Discoveries

The American Heart Association's Institute for Precision Cardiovascular Medicine is poised to usher in a new era of rapid data analysis and science through precision medicine. The Institute has built strategic collaborations with Amazon Web Services to develop a leading-edge architecture through the AHA's Precision Medicine Platform and with Verily to establish a consumer engagement platform, Research Goes Red, for sharing data and engaging in research and clinical trials.



Since 2013, the Institute has funded more than 95 awards totaling over \$30 million. AHA data research grantees have made impactful scientific discoveries, harnessing the power of the Precision Medicine Platform to accelerate their research, while being stewards of the FAIR guiding data principles (Findable, Accessible, Interoperable and Reusable). Collectively, from grantee research, more than 200 publications have been added to the body of scientific work, which otherwise could have taken years, even decades to produce.

We're seeking to expand work using the goldmine of datasets offered within the Precision Medicine Platform, by providing additional data research grants, Platform access and data research collaboration with HBCUs (Historically Black Colleges and Universities), and producing exciting, rapid learning events through research hackathons, with our first such event desired to take place at the International Stroke Conference this coming March.

Cardio-Oncology

As the intersections of cardiology and oncology become increasingly apparent in the rapidly advancing world of cancer treatment, a highly specialized field has emerged: cardio-oncology. The American Heart Association, guided by dedicated science and medical volunteers, seeks to strengthen research, establish more formal professional development programming and data/information exchange, and expand patient support and advocacy.

These intersections can create multiple challenges. For example: those who have undergone cancer treatment are increasingly at risk of developing long-term cardiac complications resulting from the direct and indirect effects of cancer therapy. And, those with cardiovascular conditions who are diagnosed with cancer have special treatment and care considerations. More emphasis on this emerging area can help save and improve lives.

Maternal Health

Despite the decrease in maternal mortality worldwide, the maternal mortality rate continues to rise in the United States. The U.S. has the highest maternal mortality rate in the developed world, with an estimated 700 women dying each year from pregnancy-related complications and three in five pregnancy-related deaths being preventable. Cardiovascular disease is the leading cause of death among women in



the U.S. accounting for about 1 in every 3 female deaths. It is also the leading cause of maternal death in the U.S., posing a threat to women's heart health during pregnancy and later in life. Moreover, significant disparities in maternal care and outcomes persist across race, ethnicity, geography, income, and other sociodemographic factors, in addition to systemic inequities that pose access barriers to care and exacerbate poor maternal health outcomes in the U.S.

The American Heart Association is committed to addressing inequities and the health needs of women in all life stages. Our work in maternal health must expand to further raise awareness, advocate for maternal health, and build on the base of evidence to ensure science-driven care.

*** Source:**

1. Petersen EE, Davis NL, Goodman D, et al. Vital Signs: Pregnancy-Related Deaths, United States, 2011–2015, and Strategies for Prevention, 13 States, 2013–2017. *MMWR Morb Mortal Wkly Rep* 2019;68:423–429. DOI: <http://dx.doi.org/10.15585/mmwr.mm6818e1>
2. Virani SS, Alonso A, Benjamin EJ, et al. Heart Disease and Stroke Statistics—2020 Update: A Report From the American Heart Association. *Circulation*. 2020;141(9):e139–e596. doi:<https://doi.org/10.1161/CIR.0000000000000757>

*Source: Pregnancy and heart disease. ACOG Practice Bulletin No. 212. American College of Obstetricians and Gynecologists. *ObstetGynecol* 2019;133:e320–56.



Developing the NEXT GENERATION *of* SCIENTISTS

The AHA's core research programs are focused on launching and furthering the careers of the brightest researchers, including early-career investigators. Ensuring a priority on young, diverse, and emerging researchers will bring fresh approaches that can lead to greater advances.



Supporting Undergraduate Research Experiences (SURE)

Today, participation of historically excluded individuals in medicine and biomedical sciences is a critical issue affecting our nation's health and the future of research. To address the health needs of our rapidly diversifying population with cultural sensitivity and inclusiveness, we need to cultivate the talents of individuals from all backgrounds.

The SURE initiative was established in 2018 and launched in partnership with five leading medical schools—Stanford University, Vanderbilt University, Northwestern University, Medical College of Wisconsin and Boston University. SURE provides a summer undergraduate research experience, with participating institutions encouraged to work directly with regional Historically Black Colleges and Universities (HBCUs) and Hispanic Serving Institutions (HSIs) to recruit passionate, historically excluded students to participate. Admitted students work on-site alongside an AHA-funded investigator for a full-time, 8- to 10-week intensive summer research experience, where students pursue their own independent research project under the guidance and mentorship of a world-class, AHA-funded researcher.

Fellowship Programs

The future of science requires us to train and encourage students of all races and backgrounds to pursue careers in cardiovascular research. In addition to the under-representation of historically excluded groups in the sciences, women remain vastly underrepresented in STEM jobs and among STEM degree holders despite making up nearly half of the U.S. workforce and half of the college-educated workforce.

Postdoctoral fellowships are open to an array of aspiring academic and health professionals. These highly competitive fellowships enhance the integrated research and clinical training of promising trainees who aspire to careers aimed at improving global cardiovascular, and cerebrovascular health. Fellows have varied opportunities to advance their careers, including strong mentor support via mentoring teams, as well as through networking and presenting research at semi-annual SFRN science meetings and other AHA conferences that draw scientists and clinicians across the globe. After completing their fellowships, AHA Fellows move into higher-level research roles, tenure track faculty positions and leadership roles within the industry.

*Source: <https://files.eric.ed.gov/fulltext/ED523766.pdf>

Leading HEALTH CHANGE *by Improving the* SOCIAL DETERMINANTS *of* HEALTH

All of our work is dedicated to achieving our 2024 Impact Goal, which was strategically developed and is based on the latest science and data:

Every person deserves the opportunity for a full, healthy life. As champions for health equity, by 2024, the American Heart Association will advance cardiovascular health for all, including identifying and removing barriers to health care access and quality. You'll see the 2024 goal has an even sharper focus on health equity. To reach our goal of giving everyone the opportunity for a full, healthy life, we must remove barriers to health including structural racism, a driver of health disparities, and improve the social determinants of health.

The AHA Social Impact Fund

The impact of colliding challenges – the global health pandemic, uncertain economy, and social unrest – will be long-lasting if deliberate actions are not taken, and traditional solutions for addressing inequity will not be sufficient.

The American Heart Association's Social Impact Fund is an innovative solution to community transformation through impact investments in organizations that are breaking down social and economic barriers. These investments support local solutions to social determinants of health that can quickly generate measurable improvements in areas such as healthy food access, economic empowerment, housing, and educational opportunities. Funding is not restricted to one specific problem or segment of health, so the local recipient can be responsive to the market conditions, demonstrating that under-resourced communities with proven solutions simply need the appropriate resources to drive change from within.



Fathers' Uplift developed a compassionate and sustainable model that successfully reintegrates fathers returning home from prison into the lives of their children.





Bernard J. Tyson (1959-2019)

The Bernard J. Tyson Impact Fund

Bernard J. Tyson's legacy is defined by his life's work: changing systems to support equitable health for the whole person, and the social and environmental factors impacting that person's long-term health. Unfortunately, Bernard's vision for health and wealth equity is in peril as the very communities that he worked tirelessly to help are being disproportionately affected by COVID-19 and social injustice. Bernard's widow, Denise Bradley-Tyson, is working with the American Heart Association in honor of her late husband to address inequities through the Bernard J. Tyson Impact Fund. The Bernard J. Tyson Impact Fund quickly and efficiently deploys capital to address social determinants of health in communities across

the country. The goal of the Bernard J. Tyson Impact Fund is to reduce the social and economic barriers to health equity by investing in small, minority-led social entrepreneurs and organizations that are reflective of the community and have a vested interest in solving the challenges at hand.

EmPOWERED to Serve™ Business Accelerator

Among the greatest challenges entrepreneurs of color face is an uneven playing field for access to capital. Only 2% of all venture capital investments support minority-led companies, and about 80 percent of venture capital dollars in the U.S. are invested in just four states.

The American Heart Association's EmPOWERED to Serve™ Business Accelerator is a program that engages social entrepreneurs who have a market-ready solution to tackle top health equity gaps. Applicants accepted into the program complete 8-weeks of MBA style business training to help further develop their plans. At the end of their training, candidates pitch their solutions "Shark Tank" style to a panel of influential judges to receive 1 of 4 grants from the AHA to help launch their ideas.



SugEx receives grant funding through 2019 EmPOWERED to Serve™ Business Accelerator

The top grantees of the Accelerator have the chance to advance their brand visibility through the platforms of the American Heart Association and participating sponsors and stakeholders and are given the opportunity for mentorship and capital investment. The candidates are primed to bring their innovations to scale.

Since launching the Business Accelerator in 2017, the American Heart Association has awarded more than 20 grants and more than \$450,000 to over 40 social entrepreneurs who have made significant health impact in additional investments, to address food insecurity, transportation, access to healthcare, STEM, youth education and more. AHA Business Accelerator alumni have gone on to receive at least \$40 million in additional investments for their business ideas.



Mental Well-Being and Resilience

Mental well-being is a top health priority in the U.S. and the American Heart Association is committed to empowering people with the knowledge to understand the impact of chronic stress on heart-health and providing the tools to take action. Public health actions, such as social distancing, can make people feel isolated and lonely and can increase stress and anxiety. Those experiencing stress, anxiety, depression and even PTSD over a long period of time may experience certain physiological effects on the body that can impact heart health. Examples include increased heart rate and blood pressure, reduced blood flow to the heart, and heightened levels of cortisol. Over time, these effects can lead to calcium buildup in the arteries, metabolic disease, and heart disease.

In March 2019, more than 40 CEOs from many of the world’s largest companies joined the American Heart Association to advocate an action plan for employers to build a culture that nurtures and supports the emotional and mental health of their workforce. The seven actionable strategies designed by an expert panel in AHA’s “Mental Health: A Workforce Crisis” help employers confront the challenges many of their employees face today.

Nutrition Security

A long-time trusted resource for healthy living guidelines and an evidence-based approach to healthy food, the AHA is increasing its focus on food and nutrition security in communities we serve. Food and nutrition insecurity is a complex and serious health issue that can lead to eating a diet high in fat, sodium and sugar, and can cause major malnourishment.

Each year, more than 1 in 10 people in American will experience nutrition insecurity, and COVID-19 has amplified the problem. We are fighting to address this issue so that everyone, regardless of where they live or their circumstances, have access to have access to healthy and affordable foods.

Our growing areas of impact include:

- Actively working to reduce the footprint of food deserts, by helping communities increase availability of markets with healthy food offerings, including supermarkets, pop-up markets and farmers markets
- Serving as a community catalyst to help local organizations connect large numbers of individuals and families to free and reduced-cost healthy food programs
- Working with health systems and clinical providers to “prescribe” fruits and vegetables to patients as a way to increase healthy food consumption.



AHA grantee Flint Fresh Mobile Market is a food hub that processes and transports the healthy fruits and vegetables supplied from nearly 40 area farmers to food deserts, where fresh produce is not available.

Transforming HEALTH CARE

The American Heart Association believes everyone has the right to affordable, accessible, timely and quality health care. Translating science into guidelines results in more equitable, consistent care, based on the latest discoveries and advances. And as we have experienced during the COVID-19 pandemic, health care as an industry can evolve and shift in order to meet the changing needs of patients.

Get With The Guidelines®

Get With The Guidelines® is a modular, continuous quality improvement program that collects patient-level data within U.S. hospitals and helps health care providers adhere to the latest scientifically proven treatment guidelines to ensure that eligible patients are started on guideline-recommended therapies and receive appropriate counseling prior to hospital discharge. Our award-winning data registries have a proven track record of success; with more than half of all the US hospitals participating in at least one Get With The Guidelines® module and more than ten million patients enrolled, Get With The Guidelines® is estimated to save more than 80,000 lives annually.¹

Doctors with Heart

Doctors with Heart is an exciting proof of concept pilot that is exploring telemedicine as a way for volunteer specialty care physicians and clinics to provide consultation to under-resourced and rural primary care physicians whose patients cannot access specialty care. Currently in the startup phase of the pilot, additional phases will be needed to test and refine processes and approaches that could lead to a volunteer-driven support infrastructure that can save lives.

To learn more about the American Heart Association's work in these areas, your AHA staff partner can connect you with a leading science volunteer for more information.



¹The standard is 75% of the eligible patients discharged are treated at an 85% compliance rate with the AHA/ACC Secondary Prevention guidelines.

American Heart Association

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2020-2021

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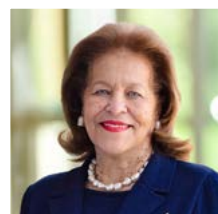
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Nancy Brown
American Heart Association
Chief Executive Officer
Dallas, Texas

Nancy Brown is Chief Executive Officer of the American Heart Association (AHA) — an organization passionately committed to its mission as a relentless force for a world of longer, healthier lives.

Nancy has been championing the AHA mission since 1986, emerging as CEO in 2008. Under her leadership, the AHA has risen as a global authority in health and well-being, defining “cardiovascular health.” The AHA’s work is led by over 40 million volunteers and supporters, and Nancy has steered the organization to numerous advances:

- Launching the AHA Institute for Precision Cardiovascular Medicine to fulfill the promise of personalized medicine with:
 - Research Goes Red™, putting patients and women at the center of research;
 - Center for Accelerated Drug Discovery™, leveraging the super-computing technology of Lawrence Livermore National Laboratory to validate targeted drug hypotheses and reduce time to market of new therapies by as much as 50%;
 - AHA Precision Medicine Platform, powered by Amazon’s cloud-based technology, enabling the global medical research community to accelerate breakthroughs in cardiovascular and brain diseases.
- Announcing One Brave Idea™, an \$85 million research collaboration to end coronary heart disease, co-founded with Verily, with significant support from AstraZeneca and Quest Diagnostics;
- Convening the AHA CEO Roundtable, comprising CEOs from the most influential corporations committed to piloting and adopting science-informed workplace health solutions;
- Creating the Value in Healthcare Initiative, a breakthrough collaboration with the Duke-Margolis Center for Health Policy to improve patient outcomes, increase value and develop a framework that supports equitable and affordable systems of care;
- Establishing the \$30 million Cardeation Capital venture fund with University of Pittsburgh Medical Center and Philips to invest in innovative health care solutions;
- Advancing new mission-aligned enterprises to improve health outcomes, including Emergency Cardiovascular Care, Resuscitation Quality Improvement® (with Laerdal) and the Center for Health Technology and Innovation;
- Evolving the AHA’s integrated strategy to expand international presence and impact.

Nancy shares her passion for improving the health of individuals worldwide through the following volunteer roles: co-chairman, Health Governors Community, and member, Board of Stewards, of the World Economic Forum; vice-chairman, Truth Initiative; member, Precision Medicine Council and Board of Directors of the World Economic Forum’s Centre for the Fourth Industrial Revolution. Her other memberships include: Coalition to Transform Advanced Care, Research! America, Alliance for a Healthier Generation, Campaign for Tobacco-Free Kids and the Valentin Fuster-Mount Sinai Foundation for Science, Health & Empowerment. She also serves on the Phillips Advisory Board, Verily Project Baseline Advisory Board and Leadership18. Nancy is a past chairman of the board and current board member of the National Health Council.



SPEAKERS *and* MODERATORS



Elizabeth Abunaw
Owner, Forty Acres Fresh Market
Social Impact Investee



Regina M. Benjamin, MD, MBA
Founder and CEO, Bayou Clinic/Gulf States Health Policy Center
18th Surgeon General of the United States (2009–2013)
Cor Vitae Society - Champion's Circle



Mitchell S. V. Elkind, MD, M.S., FAAN, FAHA
Professor of Neurology and Epidemiology
Chief of the Division of Neurology Clinical Outcomes
Research and Population Sciences,
Neurology Department
Columbia University
President, American Heart Association Board of Directors



Raymond Guthrie
Managing Director, Bernard J. Tyson Fund &
AHA Social Impact Fund
American Heart Association



Donald M. Lloyd-Jones, MD, ScM, FAHA

Eileen M. Foell Professor of Heart Research
Professor of Preventive Medicine, Medicine and Pediatrics Chair,
Department of Preventive Medicine
Northwestern University Feinberg School of Medicine
President-Elect, American Heart Association
Chairman, Committee on Scientific Sessions Program
Cor Vitae Society – Pacesetter’s Circle



Manesh Patel, MD

Richard S. Stack, Distinguished Professor
Chief, Division of Cardiology
Co-Director Duke Heart Center
Vice Chairman, Committee on Scientific Sessions Program



James J. Postl

Retired, President and Chief Executive Officer
Pennzoil-Quaker State Company
Immediate Past Chairman,
American Heart Association Board of Directors
Cor Vitae Society - Heart & Torch Circle
Paul Dudley White Legacy Society



Svati H. Shah, MD, MHS

Associate Dean of Genomics and
Director of Precision Genomics Collaboratory
Vice-Chief, Translational Research, Division of Cardiology
Duke University School of Medicine
Member, American Heart Association Board of Directors



Making a GREATER IMPACT

Charitable giving has changed greatly over the last twenty years. There are many ways to give that cost you nothing today and could help you achieve your charitable goals. You might be able to make a greater impact than you thought possible with these giving opportunities.

THE AMERICAN HEART ASSOCIATION DONOR ADVISED FUND PROGRAM

If building a legacy of healthier lives is important to you and your family, consider establishing a donor advised fund with the American Heart Association. The benefits of the American Heart Association DAF Program include:

- **Fund Causes You and Your Family are Passionate About:** You have the opportunity to provide grants to other IRS-qualified public charities, in addition to the American Heart Association, through one account.
- **Socially Responsible Investing Options:** There are four 100% tobacco-free portfolio options available, so you can rest assured your funds aren't invested in tobacco products.
- **Make Decisions as a Family:** You can involve your children in your charitable decisions.
- **Keep Your Current Advisor:** You can keep your current financial advisor to manage this fund in most cases.



WILL OR TRUST

Through a will or trust, you can plan for a future gift to the American Heart Association while ensuring your loved ones will receive benefits.

LIFE INSURANCE

If you have a life insurance policy that is no longer needed, you can transfer ownership of the policy to support our mission. If you choose to keep your policy but want to make a future gift, you can leverage your policy simply by naming the American Heart Association as a beneficiary.



IRA CHARITABLE ROLLOVER

(also known as *Qualified Charitable Distribution or QCD*)

IRAs are a popular and simple way to make a gift.

- **Easy To Transfer:** At age 70½ you can transfer up to \$100,000 directly from your account to a qualified non-profit.
- **Meet Your RMD:** The distribution counts toward your required minimum distribution.
- **Tax Benefits:** You do not pay tax on the distribution.



STOCKS, BONDS & MUTUAL FUNDS

Investors can contribute marketable securities that have been owned for more than one year and have grown in value.



CHARITABLE GIFT ANNUITIES

Charitable gift annuities can help you maintain your current lifestyle, increase your financial security and pay you income for life.

GIFTS OF REAL ESTATE

If you have rental property, undeveloped land, a 2nd home you no longer need, this is a good option that helps defer capital gains taxes.





Thank you!

We value the confidence and trust you place in the millions of researchers, scientists, donors, volunteers and staff that make up our American Heart Association family. Thank you for being a relentless force for a world of longer, healthier lives.

SAVE *the* DATE

Bringing Science to Life

November 12 - 14, 2021
Boston, Massachusetts

November 4 - 6, 2022
Chicago, Illinois

November 4 - 8, 2023
Philadelphia, Pennsylvania



[heart.org](https://www.heart.org)