



AMERICAN  
COLLEGE of  
CARDIOLOGY®

Advancing Heart Care Worldwide

# OUTFRONT FOR OUR MEMBERS

2020/2021  
ANNUAL REPORT



**Dipti Itchhaporia, MD, FACC**  
ACC President (2021-2022)



**Cathleen C. Gates**  
ACC CEO

# THE POWER OF OUR COMMUNITY

**The American College of Cardiology (ACC) is, at its heart, a community. And together, we are powerful.**

In March 2020, as the COVID-19 pandemic spread around the globe causing unprecedented change to life as we know it, the ACC responded quickly, providing cardiovascular professionals and their patients with real-time information and education. As a community, we united to share critical information, best practices and lessons learned, with the safety and well-being of clinicians and patients as our guiding star.

Among our greatest achievements, our COVID-19 Hub has grown into a trusted resource for clinicians around the world, offering practical clinical and operational guidance based on the latest science and quick links to tools and resources, as well as much needed CardioSmart patient education. Our Clinician Well-Being Portal has also played a critical role in helping connect clinicians on the front lines of the pandemic with resources to help them care for themselves. We also stood together with our partner cardiovascular societies to address racism and health care inequities and worked with Americares to help fund on-the-ground COVID relief efforts in some of the hardest hit countries.

This shared commitment to optimizing patient care and outcomes while navigating the ongoing pandemic hasn't waned. Over the last two years, we've continued to find innovative ways to help cardiovascular professionals worldwide stay "OutFront" of the latest science and developments.

We have expanded our JACC Journals family to include *JACC: Asia* and *JACC: Advances*, and we are proud of the success of our Collaborative Maintenance Pathway, which leverages ACCSAP and other Self-Assessment Products to provide a streamlined option for refreshing knowledge and maintaining certification. We have also expanded our virtual education offerings to ensure learning, leadership growth and networking continue despite the challenges posed by COVID-19. Our work to optimize the clinical guideline process with the American Heart Association has also moved forward, with the release of four new guidelines in 2020 and 2021.

We are also making headway in meeting the Quintuple Aim, which includes addressing the deep health care inequities that have been further highlighted by the pandemic. The development of ACC's Health Equity Taskforce acted as an important step in actualizing our goals, and our diversity, equity and inclusion efforts, many of which were funded in part by ACC's Campaign for the Future, are beginning to change the field of cardiology as we know it.

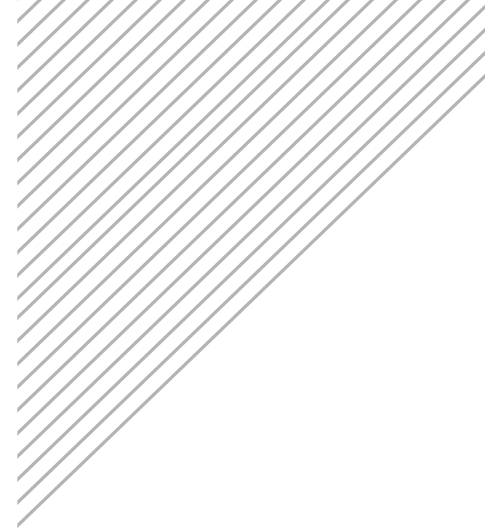
The last two years have also underscored the importance of advocacy. Our collective efforts were responsible for successful implementation of policies and programs in the U.S. to help ensure patient access to cardiovascular care during the ongoing public health emergency. Together we were able to deliver changes to telehealth provisions, ensure provider relief funding, reduce administrative burden and more.

Globally, we have found ways to continue to accelerate our work around the world in partnership with our International ACC Chapters and international cardiovascular societies. Programs like our Global Heart Attack Treatment Initiative and our NCD Academy are providing important on-the-ground education to help improve heart attack outcomes and to meet global targets for reducing noncommunicable diseases. We are truly stronger together.

We should also be proud of how we are beginning to leverage digital transformation and new technologies like artificial intelligence and remote monitoring to improve our professional lives and help make health care more accessible and equitable for all. Continued digital transformation holds the key not just to improving patient care—but to improving clinician well-being as well. It also continues to play an important part in the College's strategic efforts to optimize the clinical guideline process, as well as our suite of NCDR registries.

Fostering the next generation of cardiovascular clinicians and leaders has also been an important priority of the College. Programs like Young Scholars, Leadership Academy, the Sandra J. Lewis Mid-Career Women's Leadership Institute and our new Internal Medicine Cardiology Programs are just a few initiatives designed to promote diversity, equity and inclusion within the profession and the ACC. These programs, coupled with our robust Member Sections and activities like Coffee With the ACC President, offer vital opportunities for the global cardiovascular community to unite, connect and learn from each other.

If we've learned nothing else over the last two years, it's that transforming cardiovascular care and improving heart health can't be done alone. Within the collaborative environment of the ACC, we have proven we can stay upfront on the latest science, medical advances and technology to achieve our Vision of a world where innovation and knowledge optimize care and outcomes. It is more important than ever that we continue to lean on and learn from each other, and we look forward to continuing our work to advance heart health worldwide—together.



# TOGETHER, WE HELP CV CLINICIANS STAY OUTFRONT

Extraordinary times require extraordinary teamwork. Throughout the pandemic, the ACC and its members rallied together to innovate, adapt and transform care—together.



## Rising to the Challenge

We are rising to meet the challenges of our changing world and helping our members stay “OutFront” by growing our cutting-edge digital education offerings, advancing the latest science through our world-class *JACC Journals*, successfully advocating for health policy solutions, optimizing our clinical guidelines, enhancing our quality improvement offerings, and so much more.



## Building Community

With more than 56,000 members from 142 countries spanning the entire field of cardiology, the ACC is THE professional home for cardiovascular clinicians. With our 80 State and International Chapters and more than 20 Member Sections, we’re bringing a diverse community of voices together to solve the challenges of today and work for a better tomorrow.



## Empowering the Next Generation of Leaders

ACC’s leadership development programming is introducing the next generation to the field of cardiology and training our future leaders. In addition, our research and career development awards are also fostering talent by investing over \$300,000 in young investigators pursuing their passion.



## Advancing Quality Care

The ACC is advocating with you and for you and your patients, urging lawmakers, regulators and payers to address current issues like telemedicine, patient and clinician safety, and Medicare reimbursement and more. We are also helping to advance solutions that ensure patient access to care, reduce administrative burden, and ultimately help take down cardiovascular disease as the number one cause of death around the world.



## Inspiring Global Change

The ACC is working with local experts around the globe to facilitate collaborations and bring you world-class education. We are focused on tangibly reducing the burden of cardiovascular disease in underserved communities with programs like our Global Heart Attack Treatment Initiative and NCD Academy.



## Modernizing Our Digital Presence

We're investing in efforts to build a better digital experience for the cardiology community and infuse our culture with a digital-first mindset to adapt to a changing world. We're making enhancements to ACC.org, growing our mobile and web-based app library, and identifying opportunities to provide clinicians with the information and educational opportunities necessary to do what they do best: help and heal.

# RISING TO THE CHALLENGE

We rise to the challenges of today. We share knowledge and identify real solutions for tomorrow. Together, with dedicated clinicians and partners worldwide, we are adapting to the needs of today's health care environment with digital tools that keep us connected and informed—even when we're apart.

## CONNECTING & LEARNING TOGETHER



**12.3M**

Visits to  
ACC.org

**4.4M**

Returning  
visitors to  
ACC.org

**+50**

Webinars, sponsored  
by 22 Member Sections  
and Work Groups



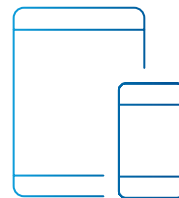
**13**

Clinical Mobile Apps,  
resulting in +4.2 M  
sessions across  
+1.06 M users



**356,765**

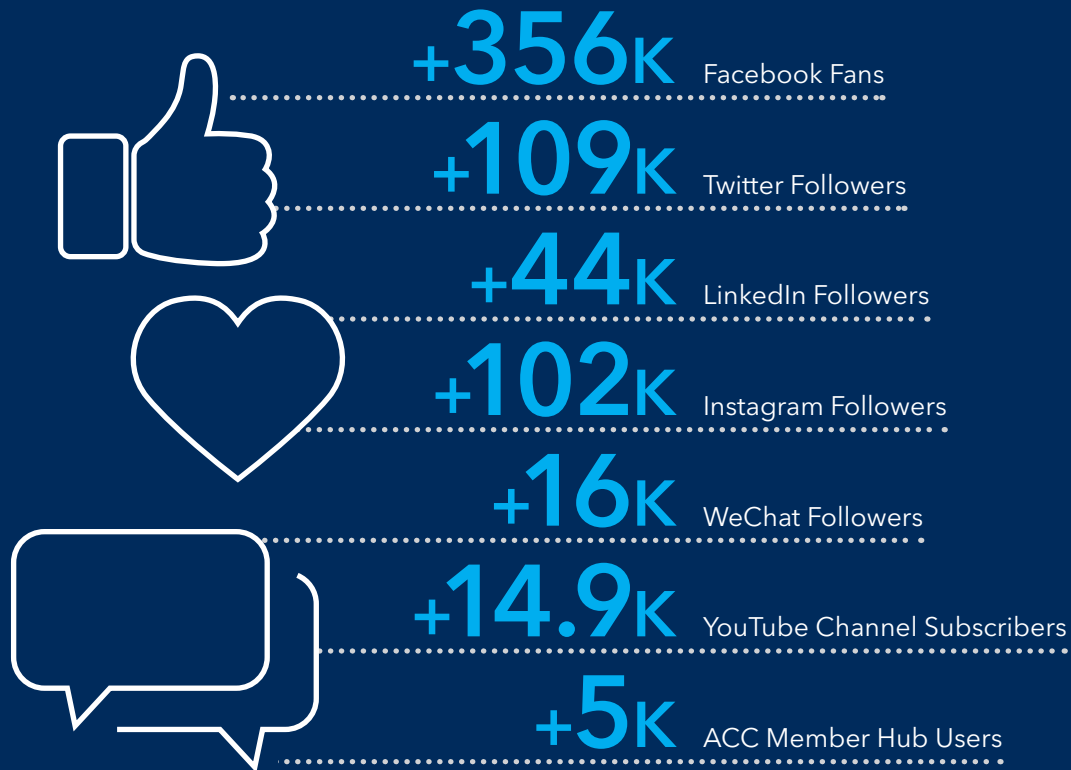
Unique downloads of our ACC  
Podcasts, including *Eagle's Eye  
View*, *JACC Journals*, *ACCEL Lite*  
and *CardiaCast*



**80,358**

Total users of the Clinical  
Guidelines App

# STAYING **CONNECTED SOCIALLY**



## ACC Supports Members On the Go

ACC supports members at the bedside and on the go with its suite of member apps and podcasts.



Explore  
Mobile Apps



Explore  
ACC Podcasts



# ACCELERATING SCIENCE THROUGH THE JACC JOURNALS

ACC's family of JACC Journals—now numbering 10—continues to innovate and grow, providing clinicians with the best, peer-reviewed science from around the world. From podcasts to central illustrations to interactive education and guideline tools, JACC Journals play a critical role in not just disseminating the latest research but putting it into practice.



Visit [JACC.org](https://www.jacc.org) to explore all of the JACC Journals and related resources, including CME/MOC activities, guideline hubs, topic collections and much more.

## 10 JACC Journals

JACC Journals reported its highest Impact Factor yet, achieving an astounding **24.094**

**69K** followers of @JACCJournals on Twitter

Launch of **JACC: Asia** in 2020—the first region-specific peer-reviewed journal of its kind

Launch of new **JACC: Advances**, an online, open-access journal

**+10 M** Downloads of JACC weekly podcast series with Valentin Fuster, MD, PhD, MACC

**4** JACC Journals ranked within the top 11 English-language cardiovascular journals worldwide

## PROVIDING PATIENT RESOURCES

Through its CardioSmart program, the ACC provides critical patient education tools to support clinicians in the care and management of cardiovascular disease. This work was even more important during the COVID-19 pandemic, with patients turning to their health care providers for information on safety and vaccines.

## 46

CardioSmart Infographic Posters, many of which are also available in other languages!

## 16

Patient Fact Sheets

## 18

Decision Aids

Learn more at [CardioSmart.org](https://www.cardiosmart.org)





# HELPING YOU RESPOND TO COVID-19

4.1M

COVID-related  
content views  
on ACC.org properties  
in 2020 and 2021



50

Number of Quick Tip videos,  
part of ACC's comprehensive  
COVID-19 education efforts  
that also included a 10-week  
virtual summer series and  
two focused virtual Heart  
House Roundtables.



+224k

The number of  
unique page views  
for the *Cardiology*  
magazine feature on COVID-19  
and the risk of infectious agents.  
Published in March, it set a record  
for all ACC.org views in 2020.



21

The number  
of cardiovascular clinical risks  
for severe COVID-19 outcomes  
identified in ACC's new health  
policy statement on COVID-19  
vaccine prioritization.



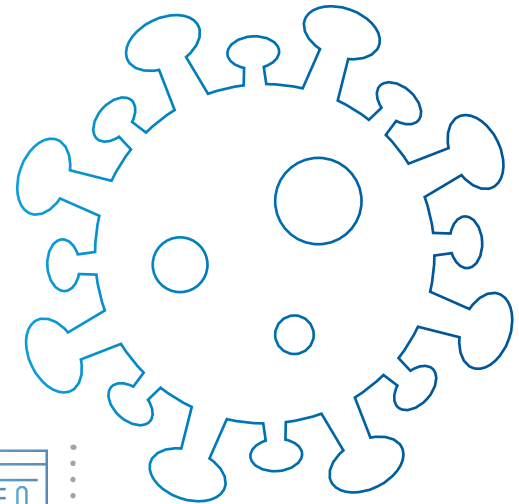
+522k

The total number of  
unique page views  
of COVID-19 content  
across the JACC Journals.



58.5%

The percentage  
of users accessing  
ACC's COVID-19  
content on mobile devices.



378.8k

The number of unique  
page views of the  
most accessed piece  
of COVID-19 content:  
a Journal Scan on the estimated  
incubation period of COVID-19.



57.6k

Number of user devices  
that accessed ACC's COVID-19  
content on March 18, 2020, higher  
than on any other day. The Hub  
continues to average 4K visitors daily.



20k

Number of views  
of the ACC/Chinese  
Cardiovascular Association  
COVID-19 webinar on YouTube.

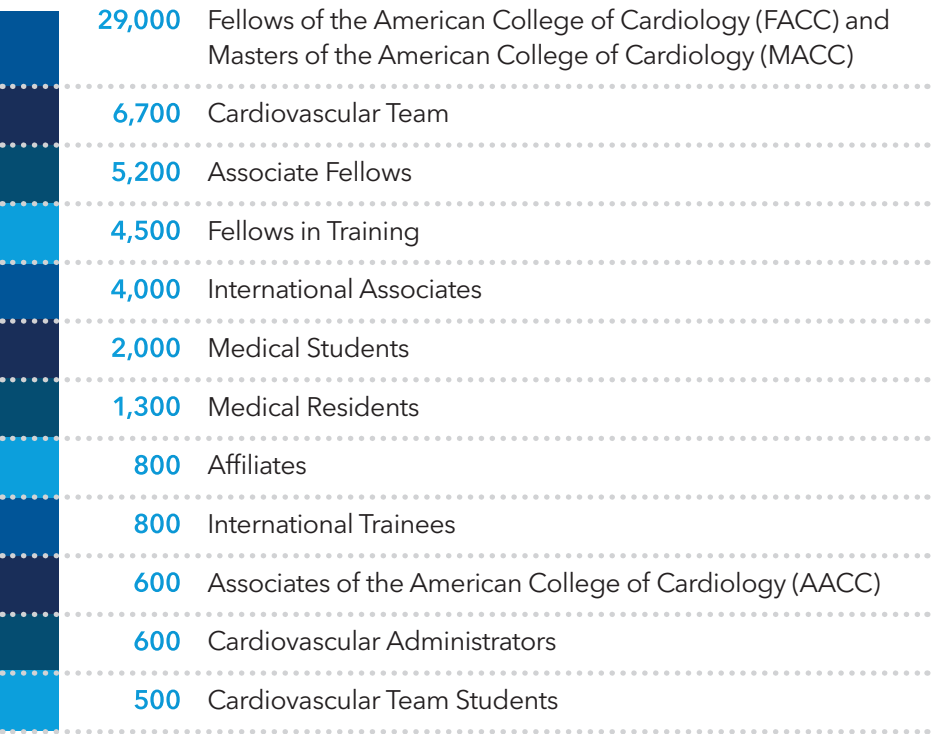


# BUILDING COMMUNITY

Transforming cardiovascular care can't be done alone. A diverse community of voices is essential to achieve our goals, which is why the ACC is focused on bringing cardiovascular professionals together to share their unique perspectives and knowledge—and to create solutions that help us all adapt to a changing world.

The College's wide and inclusive network means—regardless of location, specialty or professional role—we can all come together to collaborate and learn from one another under the ACC umbrella.

## BREAKDOWN OF ACC MEMBERS BY TYPE



## YOUR MEMBER COMMUNITY



**56,000**  
MEMBERS

**80+**  
Chapters, Including  
**42 International Chapters**

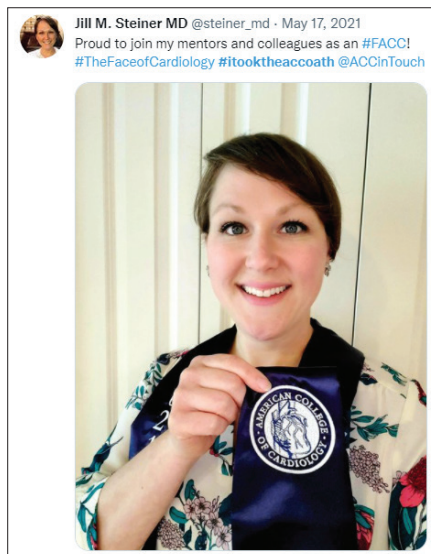
**22**  
Member Sections

**142**  
Countries Represented  
by ACC Members

**200+**  
Committees & Councils

# #ITookTheACCOath

Throughout the last two years, we virtually welcomed over 2,000 new Fellows and Associates to the College. Our new Fellows and Associates are the future of cardiology and the profession—and we look forward to seeing what we can achieve together.



# EMPOWERING THE NEXT GENERATION OF LEADERS

Advancing the quality, equity and value of cardiovascular care is one of the four pillars of ACC's Strategic Plan. Achieving this goal is as much about equipping current members with the knowledge and resources they need to face today's challenges as it is about preparing tomorrow's leaders and strengthening the pipeline of diverse talent into the cardiovascular workforce.

That's why the ACC has developed programs designed to help future cardiovascular leaders #ChooseCardiology and provide support to those who do throughout their training, early career and beyond.



2,000

Medical Students

1,300

Medical Residents

500

Cardiovascular Team Students

5,300

Fellows in Training

7,000+

Early Career Members

70+

Leadership Academy Graduates

20

Young Scholars Mentees

80+

Inaugural Internal Medicine Cardiology Program Participants



# BUILDING THE PIPELINE: YOUNG SCHOLARS PROGRAM

ACC's Young Scholars program expanded in 2020 to the Southeast region of the U.S., connecting 28 high school and college students interested in a career in medicine and cardiology with mentors for a yearlong research project suitable for their level of education. Mentors provided the students with guidance, advice and support, along with information regarding career options within the field of medicine and cardiology.

**In 2021, program recruitment expanded nationally, resulting in over 200 applications to participate!**

“ It's been very informative for me for both my career goals and just in general to help me learn about the ways that I can take care of my body and my heart.

-Theodora Alese, Young Scholar



“ Coming to ACC gave me a better perspective on the world of cardiology.... It opened to me a world of research that I was not aware of before.

-Shahid Ahmad, Young Scholar

# RECOGNIZING EARLY- AND MID-CAREER CHALLENGES

The ACC recognizes the first few years in full-time practice are filled with unique challenges. That's why we launched The Heart of It project in 2020, designed to show how members are navigating obstacles and unite early career cardiologists under shared experiences.

“Almost every single day I have a moment like ‘This is why I do what I do.’

– Renelle George, MD



Watch the full videos.



## **The Sandra J. Lewis Mid-Career Women's Leadership Institute**

Launched in 2021, this program began with the goal of providing female cardiologists who are 12-21 years past their cardiovascular fellowship with the essential skills, tools and dedicated support to flourish during a distinct and pivotal phase of their career.



## **Work Groups + Sections**

The ACC launched its Medical Resident Work Group in 2020 with representation from across the U.S. The group is building content to support medical residents throughout their training, whether hosting mock interviews for residency applicants or developing virtual education targeted at topics of importance to residents. ACC's Fellow in Training and Early Career Sections also work to provide community, support and programming for those in their CV training through their first seven years of practice.



## **Leadership Academy**

Leadership Academy is a two-year program focused on addressing critical leadership skills needed in today's health care environment and on enhancing leadership experience. A total of 70 aspiring leaders have gone on to serve in myriad leadership roles within the College, including on ACC's Board of Governors and as part of Section, Council and Chapter leadership.

# SUPPORTING THE CARDIOVASCULAR TEAM

ACC's focus on team-based care is an essential tenet of our Strategic Plan. We know that both patients and providers benefit from the involvement and perspectives of professionals across the spectrum of care, which is why ACC Cardiovascular Team members sit on nearly every ACC committee.



## Developing Clinical Competency Statements

In 2020, the ACC released its first NP/PA-focused competency statement, the *2020 ACC Clinical Competencies for Nurse Practitioners and Physician Assistants in Adult Cardiovascular Medicine*, with the goal of helping practices build model cardiovascular care teams and optimizing the knowledge and skill of NPs and PAs.

## Expanding Membership

In 2021, in recognition of their role in the treatment of cardiovascular patients, ACC expanded the CV Team Member Category to include perfusionists.

## Providing Tailored Education

The CV Team Section has continued to grow, offering tailored education like the CV Team Breakout Session at Legislative Conference and the APRN Education Series, highlighting posters, abstracts and more for APRNs focused on heart failure, AFib, COVID-19 and myocarditis.



## Providing Alternate Routes to Fellowship

The ACC recognizes we are a stronger organization when all of our members—regardless of professional designation or geography—are able to bring their expertise and experiences to the table. In order to make Fellowship more accessible to those who are making a difference in the field but do not meet traditional application requirements, the ACC introduced the FACC Eligibility Calculator in 2020.

The survey-style tool applies a points-based system that considers an individual's impact on the cardiovascular community and the College—in addition to their professional qualifications—to determine their eligibility for Fellowship in the ACC. Learn more at [ACC.org/FACC](https://www.acc.org/FACC).



Learn more about what the CV Team Section is doing here.



# ENGAGING THE FUTURE OF CV RESEARCH

For more than 40 years, the ACC and Merck have partnered together to provide research fellowships to nearly **200 cardiovascular clinicians** in the early stages of their careers with **the Merck Research Fellowship Award**. In 2020 and 2021, the ACC was proud to partner with the Association of Black Cardiologists to expand the reach of the award and increase diversity among its recipients.



See a full list of winners.

The ACC also honors a budding young investigator each year with the **Douglas P. Zipes Distinguished Young Scientist Award**, providing recognition to an individual making outstanding contributions to the field.

ACC's **Clinical Trials Research: Upping Your Game** program supports budding clinical investigators by providing them with mentorship and career planning tools to help them gain knowledge, develop a personal career action plan and build a network with recognized clinical trialists, investigators and industry leaders. The goal? Increase the number of individuals historically underrepresented in cardiology who serve as leaders in cardiovascular clinical trials research.

“The most important takeaway from this arduous experience is that as an early-career investigator, I could not have done my research without my mentors who believed in me and who wanted to help me.

- Darae Ko, MD, MSc,  
2020 ACC/Merck Research Fellow



“I'm really excited about what the next year has in store... The ACC/Merck fellowship will...help protect my time so that I can focus on my coursework and complete my Masters degree in patient-oriented research.

- Michael Brener, MD,  
2021 ACC/ABC Merck Research Fellow



## FIT Jeopardy

The FIT Jeopardy competition brings together Fellows in Training from across the country and the world to participate in a quiz-show style competition. Each participating chapter hosts their own preliminary competition to determine who will represent them at the national competition during ACC's Annual Scientific Session each year. FIT Jeopardy at ACC.20 and ACC.21 were held virtually—but the knowledge and camaraderie built were still as strong as ever.

# ADVOCATING FOR PROVIDERS & PATIENTS

From the very onset of the pandemic, ACC Advocacy leaders and staff proactively sprang into action to deliver solutions aimed at helping cardiovascular patients, clinicians and institutions navigate the many challenges posed by the virus.

Members and staff also worked to deliver on the College's key advocacy priorities related to reducing administrative burden and promoting clinician well-being; leading the transition to delivery models that strengthen value and patient outcomes; promoting practice stability and patient access to affordable care; optimizing care, outcomes and health; and advancing member engagement and leadership.

Learn more about how the ACC is delivering on key priorities for the cardiovascular community by scanning the QR codes below.



Explore top highlights from 2021.



Learn more about ACC's top advocacy highlights from 2020.

# INSPIRING GLOBAL CHANGE

By connecting with global partners and change-makers, the ACC is building initiatives and programs to reduce the burden of noncommunicable diseases worldwide. In 2020 and 2021, the ACC embarked on an international acceleration strategy to put emphasis on the development of global partnerships, build on our past successes, and create tools and resources that speak directly to the local needs of our members and colleagues around the globe.

- **Global Heart Attack Treatment Initiative (GHATI):** Designed to improve heart attack outcomes in low- and middle- income countries by encouraging adherence to guideline-directed medical therapy, GHATI is already showing measurable positive impacts and collecting data on 2,000+ patients from 18 medical centers in 13 countries on four continents.
- **NCD Academy:** This first-of-its-kind, online collaboration between the ACC and major actors in global health equips front-line health workers with integrated, mobile-first education on care for noncommunicable diseases as they take on a more prominent role in prevention.
- **International Centers of Excellence:** ACC's ICOE program recognizes hospitals outside the U.S. for their commitment to high standards of medical practice and commitment to quality improvement. This last year, ICOE partnered with ACC Accreditation Services to provide an expanded update of quality improvement tools for use in South America.
- **International Conferences:** ACC's International Conferences in Asia, Latin America and the Middle East continue to provide localized education to important regions around the world.
- **Global Webinars:** The ACC joined with its global society partners and International Chapters on more than 200 international meetings and webinars in 2020 and 2021, reaching thousands of clinicians worldwide.

ACC's global footprint continues to expand with its International Chapters, membership, programming and more.

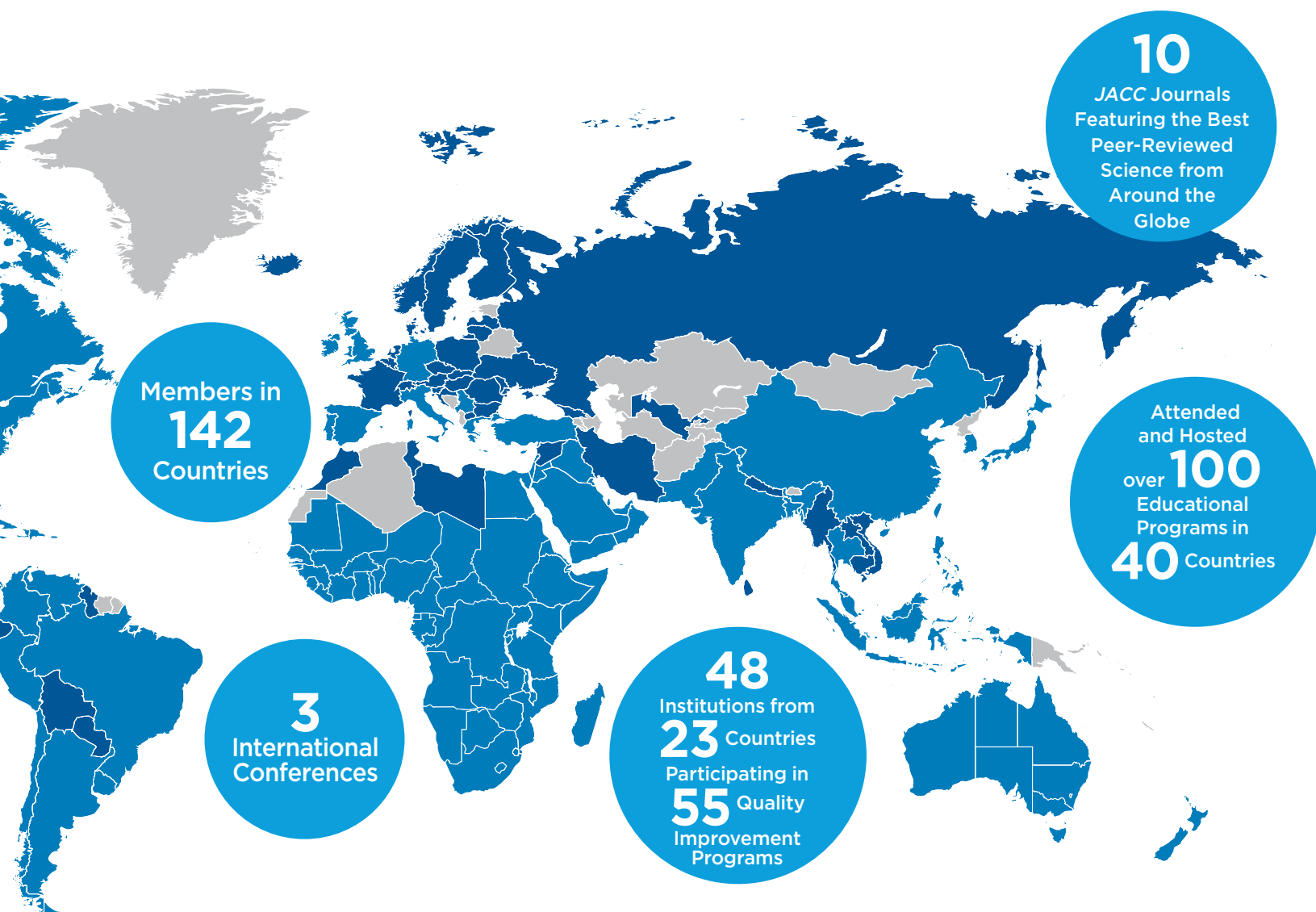




Over  
**16,000**  
Members  
Outside  
the US

**42**  
International  
Chapters



Scan the QR  
code to learn  
more about these  
programs and  
access ACC's  
Global Hub.



-  Countries with ACC Chapters
-  Countries with ACC Members

# MODERNIZING OUR DIGITAL PRESENCE

The ACC is investing in a digital-first future to modernize the College for the demands of delivering member value, digital content management, flexible clinical guidance production, virtual learning and e-commerce. The effort is not just about modernizing ACC's technology platforms, but about transforming our underlying business processes and infusing ACC's culture with a digital-first mindset.

ACC's digital vision is to create and cultivate a digital-first ecosystem to provide trusted, timely and tailored knowledge and tools accessible across all touchpoints of cardiovascular care delivery.

## Digital Transformation and the ACC Strategic Plan

The Digital Transformation initiative is a cornerstone of the overall ACC 2019-2023 Strategic Plan, and remains closely interconnected with several of the College's other major strategic initiatives including:

- **NCDR Optimization** which focuses on modernizing reporting, revolutionizing the NCDR customer experience, and reducing the abstraction effort, among other goals, all of which require an optimized technology platform and improved performance.
- **Guideline / Guidance Optimization** which informs and relies on the Enterprise Content Strategy to upgrade content management infrastructure and align content processes.
- **Global ACCeleration** which aspires to dramatically expand engagement of the international community through valuable programs and educational offerings, largely through digital channels.



Without Digital Transformation, none of these initiatives will reach its full potential. Scan the QR code to learn more about ACC's Strategic Plan.

“ Digital transformation touches all aspects of the College, from membership to meetings to science to education. These efforts will allow what had been the Digital Strategy Committee to expand its scope and purview. Digital transformation will ensure that digital initiatives are implemented in a consistent manner throughout the organization and ultimately streamline the digital experience for members.



– Michael W. Cullen, MD, FACC,  
Chair, Digital Strategy Committee

# ACC'S INNOVATION PROGRAM & DIGITAL TRANSFORMATION

ACC's Innovation Program focuses on the positive integration of digital technology into all aspects of health care, including how clinicians engage with patients virtually through telehealth and remote monitoring; how they apply insights from artificial intelligence-based decision-support tools; how they continually improve the quality of patient care; and how they efficiently operate their practices.

In 2020 and 2021, ACC's Innovation Program made an impact with:

- **The Applied Health Innovation Consortium**, a multidisciplinary group bringing together patient advocates along with academic, clinical, industry and technology partners to drive the thought leadership and evidence for application of artificial intelligence and digital technology in a clinically meaningful way.
- Best practices development for device and app makers in tandem with the **Consumer Technology Association** to provide deeper understanding of products that manage cardiovascular health.
- A collaboration with **Heartbeat Health**, the first telemedicine platform designed by cardiologists for the practice of cardiovascular medicine.
- A solution, launched alongside **Carta Healthcare**, targeted specifically at alleviating data abstraction efforts to facilitate NCDR participation.
- A collaboration with **Cliexa** to develop a home health monitoring platform called Cliexa-Pulse, allowing clinicians to gather information from patients both before and after visits.
- The co-development of the Achievement of Heart Health built on **Evidation's Achievement** platform, making it easier than ever for individuals to better understand and engage with their health outside of clinic-based settings.



## KEY DIGITAL ROADMAP MARKERS

Improve member and customer value

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Create effective and intuitive digital member experiences

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Drive member engagement with the College and one another

.....

Facilitate effective sharing of cardiovascular information and knowledge

.....

Improve efficiency of ACC operations and infrastructure

.....



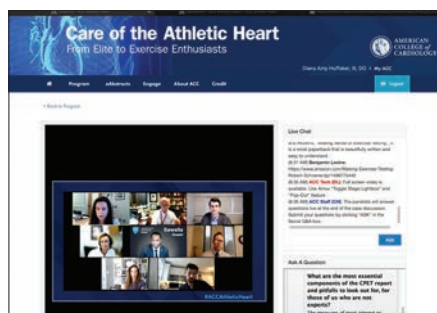
Learn more about ACC's Innovation Program



# INSPIRING LIFELONG LEARNING

The last two years have served to highlight just how quickly the ACC can pivot to adapt to the rapidly changing world and provide clinicians with the tools and resources to do what they do best—help and heal.

From pulling together an entirely virtual Annual Scientific Session in three weeks and setting up a comprehensive COVID-19 Hub and webinar series, the ACC is setting the standard for large-scale meetings and demonstrating that virtual learning can be highly effective, engaging and meaningful. Novel educational platforms are helping clinicians achieve their learning objectives and stay current with the latest science and technologies, while also fostering networking and collaboration on a global scale.







**17** Virtual courses in 2020 and 2021, including *Core Curriculum for the Cardiovascular Clinician*, *Care of the Athletic Heart*, *Cardiovascular Summit*, *New York Cardiovascular Symposium*, *CardioOncology* and more, bringing together cardiovascular professionals worldwide to connect over engaging learning experiences.

**95,000**

The number of views of virtual course activities in 2021

**14k**

Views of 49  
Quick Tips Videos

**13**

Eagle's Eye Tips  
of the Week

**3**

The number of new certificate programs launched in 2020 for international audiences:

- *Heart Failure for Primary Care Providers in Latin America* certificate course
- *Nursing Heart Failure Certificate Course*
- *NCD Academy* course for cardiovascular prevention



**2,500+**

Participants in one of ACC's International Conferences: *ACC: Asia*, *ACC: Middle East* and *ACC: Latin America*

**33,000**

The number of clinicians from 53 countries that received timely education as part of the *COVID-19 Summer Series* at the beginning of the pandemic

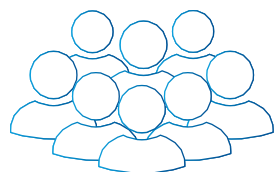
**3,300+**

Registrants for the *2021 Quality Summit*

# EXPANDING THE COLLABORATIVE MAINTENANCE PATHWAY

The ACC continues to make it easier for clinicians to meet American Board of Internal Medicine (ABIM) Maintenance of Certification requirements with its new Collaborative Maintenance Pathway (CMP). The CMP offers an alternative assessment option using our existing Self-Assessment Programs, including ACCSAP, CathSAP, EP SAP and HF SAP.

In 2020, the ACC worked to extend the deadline to meet CMP requirements to allow clinicians to focus on their patients and communities during the COVID-19 pandemic. By offering more choice and flexibility—and most importantly more time to focus on patients—the CMP allows clinicians to update their knowledge of new science and guidelines in more manageable increments.



**In 2020 and 2021, the ACC enrolled over 5,000 learners in the CMP.**

**New for 2020 and 2021, the CMP launched:**

## Year two

of the General Cardiology (ACCSAP) CMP Topic.

## Year one

of Electrophysiology (EP SAP), Interventional (CathSAP) and Heart Failure (HF SAP) CMP Topics.

## New features

within the CMP, including immediate results for test takers as well as live chat support while in the performance assessment.

## A NEW BOARD REVIEW EXPERIENCE

The *Cardiovascular Overview and Board Review* and *Interventional Cardiology Overview and Board Review* transitioned to virtual courses in 2020, leveraging content from digital learning programs and presentations from the 2019 face-to-face courses.

These experiences unfolded over 16 weeks with an overarching roadmap and study guides for each two-week study block, breaking down key content to read and watch, questions to answer and live webinars with expert faculty.

Learners were also able to engage experts in online Q&As throughout the experience.

**The courses reached over**

**800+**  
learners in 2020 and  
**700+**  
learners in 2021.

# ACC ANNUAL SCIENTIFIC SESSION

At the start of the pandemic, the ACC pivoted within three weeks to bring the cardiology community a robust virtual educational experience with ACC.20/WCC Virtual. It continued to build on that success with ACC.21 Virtual, providing an opportunity for cardiovascular professionals to engage with meaningful education, celebrate their achievements and learn from experts in the field—and one another.

**100+**

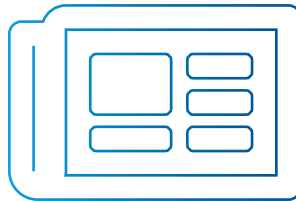
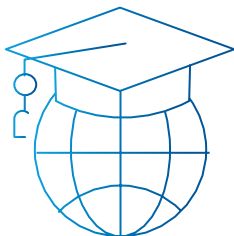
Number of companies participating in the Virtual Expo during ACC.21, building off the 15 Industry Theater Presentations during ACC.20/WCC and bringing another dimension of learning to attendees.

**62,000+**

Number of participants from 157 countries that attended ACC.20/WCC Virtual.

**88,000+**

Number of ACC.21 Virtual participants from 148 countries



**1,428**

Number of global faculty involved with the more than 250+ ACC.21 education sessions.

**10**

The number of Heart2Heart Conversation podcasts, with topics including achieving gender equity in cardiology and global perspectives on value-based care.



**2,000+**

The number of new Fellows and Associates who were welcomed to the College during ACC's Convocation ceremonies in 2020 and 2021.

**11**

Number of Clinical Pathways at ACC.20/WCC and ACC.21 Virtual.

**960**

The number of original news articles on ACC.20/WCC and ACC.21 research making headlines in newspapers and other mainstream media outlets around the world.

**7,214**

The number of abstracts selected for oral, moderated and poster sessions at either ACC.20/WCC or ACC.21.

# ADVANCING QUALITY CARE

As the global professional organization for the entire cardiovascular care team, the ACC is committed to supporting patients, caregivers and health care professionals by ensuring the highest quality care is delivered to every patient, every time.



## **NCDR®**

The NCDR is ACC's suite of data registries, helping hospitals and health systems measure and improve the quality of cardiovascular care they provide. The NCDR uses real-world evidence to improve patient outcomes and achieve quality heart care.

.....



## **ACC Accreditation Services™**

ACC Accreditation Services links performance improvement to patient outcomes and promotes consistent processes across the care continuum. Working with hospitals and health systems, ACC Accreditation Services partners to build communities of excellence by advancing the highest standards of quality patient care.

.....



## **MedAxiom, an ACC Company**

MedAxiom is the premier source for cardiovascular organizational performance solutions. MedAxiom unites the cardiovascular community via cutting-edge education, networking opportunities and best practices to transform cardiovascular care, together.



Scan the QR code for a full list of hospitals and health systems participating in one or more of ACC's NCDR registries or Accreditation Services programs.



## NCDR: IMPROVING PATIENT CARE & HEART HEALTH THROUGH TRUSTED REAL-WORLD EVIDENCE

ACC's NCDR has continued to evolve and improve in 2020 and 2021, expanding and building upon its previous success. In 2020, NCDR recognized the response to the COVID-19 pandemic was all-consuming for the health care community and took immediate steps to simplify and unify data abstraction for clinical scenarios such as STEMI treatment, cardiac rehabilitation, patient follow-up and other specific scenarios.



Additionally, NCDR programs also incorporated COVID-19 data to support the assessment of the impact on patients with cardiovascular disease and the health systems delivering their care. As the data worked to support care delivery, it also helped to further research efforts published in medical, peer-reviewed journals like *JACC*, including studies such as the comparison of temporal trends in PCI between the U.S. and Japan; the care of atrial fibrillation for Native Americans and Alaska natives; trends in TAVR in the U.S. over the last five years and more. In total, NCDR data supported 101 studies in 2020-2021!

NCDR has also embraced collaborative relationships to achieve its goals, including with organizations like FAIR Health, Cliexa and CARTA Healthcare. NCDR is also working to consolidate efforts by combining the NCDR PVI Registry with the Society for Vascular Surgery Vascular Quality Initiative (SVS-VQI) registry to provide a single solution for quality measurement for peripheral vascular interventions.



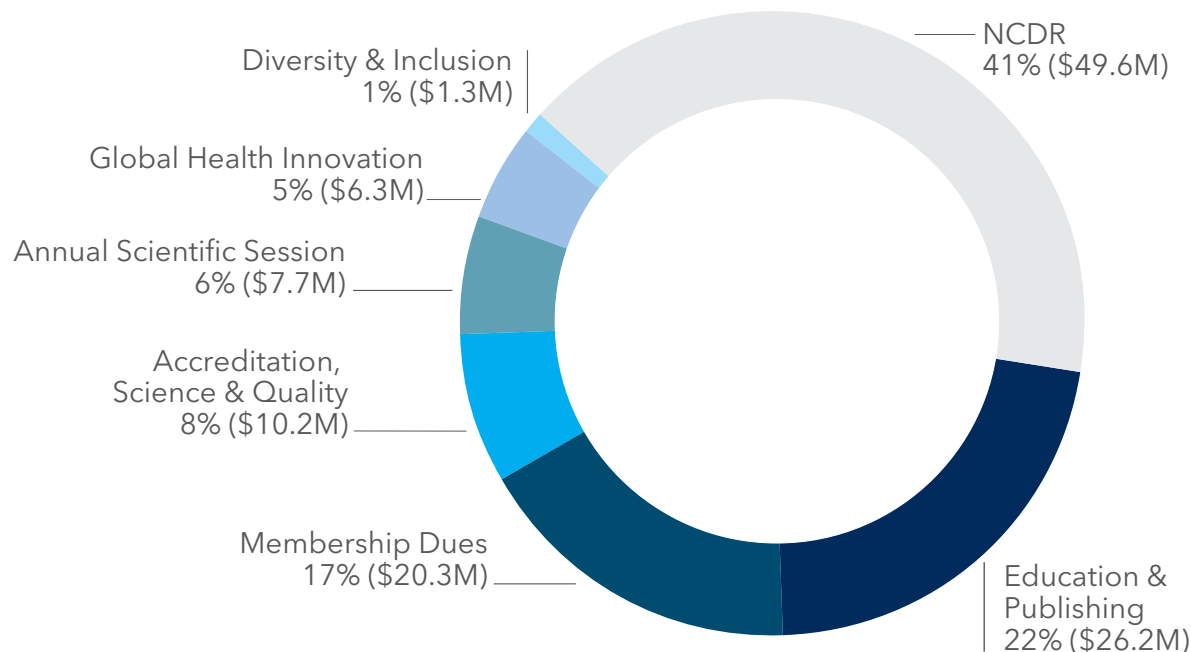
Learn more about the future of NCDR and how it is advancing patient care, outcomes and value here.

# FINANCIAL OVERVIEW

We are committed to being good stewards of our financial resources so that we can invest in tools and services that support our members and drive the transformation of cardiovascular care. Our goal is to help you stay OutFront of the latest developments in a rapidly changing world.

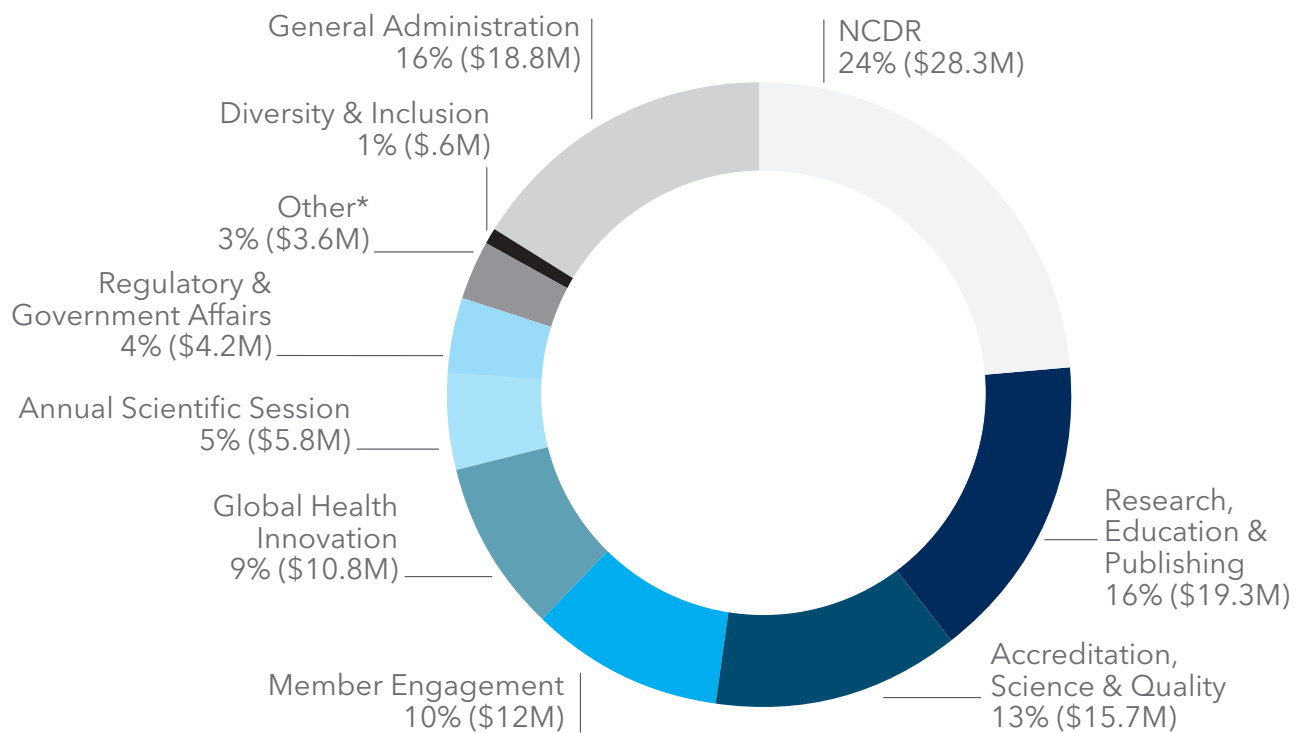
The following outlines the distribution of our 2021 preliminary revenue and expense actuals. These numbers are unaudited.

## REVENUE



\*Other category is reflective of College-wide off-budget cycle expenditures necessary to ensure we are able to innovate, achieve our Mission and pivot our focus to meet changing member needs.

# EXPENSES







# CAMPAIGN FOR THE FUTURE



AMERICAN  
COLLEGE of  
CARDIOLOGY®

# ACC CAMPAIGN FOR THE FUTURE: MEMBER DRIVEN, MISSION INSPIRED

ACC's successful Campaign for the Future united cardiovascular clinicians worldwide around the shared goals of tangibly addressing global health; fostering diversity and inclusion; and ensuring leadership in cardiovascular care.

Thanks to the generous contributions from ACC members and industry partners, more than \$6 million was raised between February 2019 and January 2021 to support mission-inspired programs focused on:

- Building a strong core of diverse leaders in both the College and the profession by expanding leadership development programs for women and underrepresented minorities.
- Growing opportunities for FITs and Early Career members to gain skills in leadership and mentoring.
- Creating programs designed to identify and engage the next generation of cardiovascular clinicians starting as early as middle school and high school.
- Improving global outcomes in heart attack patients.
- Educating front-line health care workers in low- to middle-income countries on best practices for preventing and treating noncommunicable disease (NCDs), including heart disease.

# The American College of Cardiology is grateful for the generosity of the following individuals and organizations for their support of the Campaign for the Future.

## CAMPAIGN FOR THE FUTURE TRANSFORMATIONAL GIFT (\$1,000,000+)

Bristol-Myers Squibb Company  
Sandra J. Lewis, MD, FACC, &  
James T. Rosenbaum, MD

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## ORDER OF SUZANNE KNOEBEL (\$500,000-\$999,000)

Boehringer Ingelheim  
Pharmaceuticals, Inc.  
Novartis Pharmaceuticals Corporation

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## ORDER OF DANIEL HALE WILLIAMS (\$100,000 - \$499,000)

Wael A. Almahmeed, MD, FACC  
*In Honor of Wael Almahmeed Dedication  
to Young Leaders Program*  
Merck & Company  
Hani K. Najm, MD, MSc, FACC  
Viatris

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## ORDER OF ANDREAS GRUENTZIG (\$50,000 - \$99,000)

Edward T. A. Fry, MD, FACC  
Richard J. Kovacs, MD, MACC, &  
Roxanne Kovacs  
Toniya Singh, MBBS, FACC

## 1949 FOUNDERS SOCIETY (\$20,000 - \$49,000)

Paul N. Casale, MD, MPH, FACC,  
& Alexandra L. Gibas, MD  
John Gordon Harold, MD, MACC  
*In Memory of Alfred A. Bove, MD, PhD,  
MACC*  
Dipti Itchhaporia, MD, FACC  
James L. Januzzi Jr., MD, FACC

William J. Oetgen, MD, MBA, MACC  
C. Michael Valentine, MD, MACC, &  
Shannon Valentine  
*In Honor of Pamela S. Douglas, MD,  
MACC, &  
Alfred A. Bove, MD, PhD, MACC*  
Mary Norine Walsh, MD, MACC

---

## BUILDING THE FUTURE GOLD (\$10,000 - \$19,000)

Cathleen Biga, MSN, RN, FACC  
*In Honor of Pamela S. Douglas, MD,  
MACC*  
Community Counselling Service Co,  
LLC  
Pamela S. Douglas, MD, MACC  
Robert C. Hendel, MD, MACC  
*In Honor of Pamela S. Douglas, MD,  
MACC*  
Joseph Edward Marine, MD, MBA,  
FACC *In Memory of Dr. Edward J.  
Marine*

Andrew P. Miller, MD, FACC  
National Board of Echocardiography,  
Inc. (NBE)  
Oregon Chapter of the American  
College of Cardiology  
N. Andrew Vaughan, MD, FACC, & Amy  
W. Vaughan  
Thad F. Waites, MD, MACC  
Dr. & Mrs. Howard T. Walpole Jr.

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## BUILDING THE FUTURE SILVER (\$5,000 - \$9,000)

Anonymous  
*In Memory of Alfred A. Bove, MD, PhD,  
MACC*  
Claire S. Duvernoy, MD, FACC, & Frank  
Bogun  
Cathleen & Glenn Gates  
Tyler J. Gluckman, MD, FACC  
Jeffrey T. Kuvin, MD, FACC  
Natesa G. Pandian, MD, FACC

Daniel M. Philbin Jr., MD, FACC  
Athena Poppas, MD, MACC  
*In Honor Of Pamela S. Douglas, MD,  
MACC*  
Drs. Ritu Sachdeva & Rajesh Sachdeva  
*In Honor of Pamela S. Douglas, MD,  
MACC*  
Dr. & Mrs. B. Hadley Wilson, MD, FACC  
Ryan & Marthea Wilson

### BUILDING THE FUTURE BRONZE (UP TO \$5,000)

ABIM Foundation  
*In Honor of John Gordon Harold, MD, MACC*

Jeffrey L. Anderson, MD, FACC  
*In Memory of Virginia W. Anderson*

Anonymous

Raymond D. Bahr, MD, FACC

Craig B. Clark, DO, FACC

Regina S. Druz, MD, FACC

Michael D. Eisenhauer, MD, FACC

Katherine Emery

Patricia Everett

James R. Eynon, MD, FACC

Shalen K. Fairbanks

Carissa Gaine

Dr. Julius & Stacey Gardin  
*In Honor of Pamela S. Douglas, MD, MACC*

Joseph C. Gervasi

Marcy L. Gregory, MD, DrPH

Steven Grinspoon

Martha Gulati, MD, MS, FACC

Bhavdeep K. Gupta, MD, FACC

Bruce Neil Harris

Janet Virginia Hays, MD, FACC  
*In Memory of Joseph Peter Johns, MD*

Nkechinyere Nwamaka Ijioma, MBBS, FACC

Jane Johnston  
*In Memory of Alfred A. Bove, MD, PhD, MACC*

Lisa Johnstone

Samuel O. Jones IV, MD, MPH, FACC

Sanjiv Kaul, MD, FACC

Steven Kerchner, MSc  
*In Memory of George Kerchner*

Mary Etta King, MD, FACC

Neal Kovach

Steven H. Lefkowitz, MD, FACC

Gina Price Lundberg, MD, FACC

Satyanarayana M. Mamidi, MD, FACC

Adriana Camila Mares, BS

Frederick A. Masoudi, MD, MSPH, MACC

John W. McBride, MD, FACC

Dr. James & Rita McClurken  
*In Memory of Alfred A. Bove, MD, PhD, MACC*

Cassandra McCullough

Patrick McMahon, BA

Roxana Mehran, MD, FACC

Alyson Mennuti

Stephanie J. Mitchell

Jeff Grover Morris

Elizabeth G. Nabel, MD

John I. Nwogu, MBBS, FACC

Ranna Parekh, MD, MPH

Anitha Parthiban, MBBS, FACC

Mrs. Yvette Perry Banks, CAE

Michael H. Picard, MD, FACC

Daniel Jose Pineiro, MD, FACC  
*In Honor of Pamela S. Douglas, MD, MACC*

Stuart & Pia S. Pollack, MD, FACC  
*In Memory of Alfred A. Bove, MD, PhD, MACC*

Andrea L. Price, CPHQ, RCIS, AACC

Susan Eagle Reynolds

Kent Riffert

Anne Rzeszut

Jasvinder S. Sidhu, MD, FACC

Gabriel E. Soto, MD, PhD, FACC

Phoukham Souksengmany

Bernadette M. Tate  
*In Memory of Alfred A. Bove, MD, PhD, MACC*

LaTasha Taylor-Irvin

Natalie Thomas

Subhash C. Uppal, MBBS, FACC

Süleyman Yazici, MD

Wolters Kluwer Health - Lippincott Williams & Wilkins  
*In Memory of Alfred A. Bove, MD, PhD, MACC*

Malissa J. Wood, MD, FACC

### LEADING INTO THE FUTURE

The Campaign for the Future was guided by an Executive Committee made up of the following 21 leaders, including Chair John Gordon Harold, MD, MACC. The ACC thanks these individuals for their leadership and guidance throughout the Campaign.

John Gordon Harold, MD, MACC (Chair)

Michelle Albert, MD, MPH, FACC

Wael A. Almahmeed, MD, FACC

Daniel Berman, MD, FACC

Sarah Clarke, MA, MD, FRCP, FACC

John Fontaine, MD, FACC

Dipti Itchhaporia, MD, FACC

James L. Januzzi Jr., MD, FACC

Ronald Karlsberg, MD, FACC

Richard Kovacs, MD, FACC

Sandra J. Lewis, MD, FACC

Michael Mack, MD, MACC

Roxana Mehran, MD, FACC

Jagat Narula, MD, PhD, MACC

Elizabeth Ofili, MD, MPH, FACC

Athena Poppas, MD, MACC

Toniya Singh, MD, FACC

C. Michael Valentine, MD, MACC

Hector Ventura, MD, FACC

Thad Waites, MD, MACC

Karol Watson, MD, FACC

B. Hadley Wilson, MD, FACC

Clyde Yancy, MD, MSc, MACC

# THE CAMPAIGN FOR THE FUTURE IN ACTION

## Helping Clinicians Navigate a Global Pandemic

From the very beginning of the COVID-19 outbreak, the ACC emerged as a trusted source for clinical information related to the virus and its effects on cardiovascular disease. Thanks to Campaign for the Future funding support from trusted partners like Boehringer Ingelheim Pharmaceuticals Inc. & Eli Lilly and Company, Bristol Myers Squibb Company, and Novartis Pharmaceuticals Corporation, the ACC was able to provide clinicians worldwide with ongoing education throughout the summer of 2020 to help with managing and treating cardiovascular patients who are among those at greater risk for the novel coronavirus.



Scan the QR code for  
ACC's COVID-19 Hub  
for more information.

## Growing a Diverse Pipeline of Clinical Trial Researchers

The lack of diversity in patient populations taking part in clinical trial research, coupled with the lack of diversity in those conducting the research, poses significant challenges to improving cardiovascular care and patient outcomes. With support from Bristol-Myers Squibb, the Campaign for the Future was able to expand the reach of the *Clinical Trials Research: Upping Your Game* program. The program is designed to expose women and underrepresented minorities to careers in clinical trial research.



Scan the QR code  
to learn more about  
the *Upping Your  
Game* program.

## Addressing the Needs of Mid-Career Women in Cardiology

Thanks to a transformational gift of \$1 million from Sandra J. Lewis, MD, FACC, to the Campaign for the Future, the inaugural cohort of the *Sandra J. Lewis Mid-Career Women's Leadership Institute* kicked off in January 2022. The unique program provides female cardiologists who are 12 to 21 years past their cardiovascular fellowship with the essential skills, tools and dedicated support to flourish during a distinct and pivotal phase of their career.



Scan the QR code  
to learn more.

## Building Pipeline of CV Leaders in the Middle East, and North Africa

Young cardiologists from the Middle East and North Africa have an opportunity to elevate their training by visiting hospitals in the U.S. for observership programs as part of a new awards program funded by a Campaign for the Future gift from Hani K. Najm, MD, MSc, FACC. The Hani Najm Global Scholar Award Observership Program allows two early career cardiologists—one from a Gulf country and one from another Middle East or North African country—to come to the U.S. for a four-week long observership at a major health system and culminates with attendance at that year's ACC Annual Scientific Session.



Scan the QR code to learn more about the award.



Scan the QR code to learn more about programs funded through Campaign for the Future that are already underway.

## CHANGING THE FIELD OF CARDIOLOGY WITH ACC'S ANNUAL FUND

The ACC Annual Fund will continue to support ACC's work to develop programs that improve cardiovascular care and outcomes around the globe and encourage a new generation of cardiovascular leaders, researchers and clinicians to choose cardiology.

The generous contributions of our supporters in 2021 are helping us inspire and encourage a new generation of leaders through mentoring and leadership programming and preparing us to adapt to our rapidly changing world. We thank them for their generosity.

The ACC is grateful for our contributors to the Annual Fund that are helping us shape the future of cardiology. Scan the QR code to view a full list of donors and learn how you can help us make an impact.



“ Giving to the College helps us invest in the future of cardiology and reduce the burden of CV disease worldwide. As Winston Churchill said, ‘We make a living by what we get, but we make a life by what we give.’

– Nkechinyere Ijioma, MBBS, FACC





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Advancing Heart Care Worldwide