DISTINGUISHED AWARDEES

THE ACC DISTINGUISHED AWARDS WERE ESTABLISHED TO RECOGNIZE INDIVIDUALS MAKING OUTSTANDING CONTRIBUTIONS TO THE CARDIOVASCULAR PROFESSION.

ON THE PAGES THAT FOLLOW, YOU WILL FIND CITATIONS DESCRIBING THE CONTRIBUTIONS MADE BY EACH OF THIS YEAR'S AWARDEES. VISIT *ACC.ORG/CONVOCATION* TO WATCH VIDEOS FROM EACH OF THESE AWARDEES AND FOR MORE INFORMATION.

JOIN US IN CONGRATULATING THESE INDIVIDUALS ON SOCIAL MEDIA WITH #THEFACEOFCARDIOLOGY AND #ACC23.

CHAIR, 2023 ACC AWARDS COMMITTEE

Sharonne N. Hayes, MD, FACC

PRESIDENTIAL CITATION

John S. Rumsfeld, MD, PhD, MACC
San Francisco, CA

DISTINGUISHED FELLOW

Thad F. Waites, MD, MACC
Hattiesburg, MS

DISTINGUISHED TEACHER

Catherine M. Otto, MD, FACC
Seattle, WA

GIFTED EDUCATOR

Partho P. Sengupta, MD, FACC
New Brunswick, NJ

DISTINGUISHED MENTOR

Marcelo F. Di Carli, MD, FACC
Boston, MA

DISTINGUISHED CARDIOVASCULAR TEAM MEMBER

Eileen M. Handberg, PhD, ARNP, FACC
Gainesville, FL

PAMELA S. DOUGLAS DISTINGUISHED AWARD FOR LEADERSHIP IN DIVERSITY AND INCLUSION

Paul L. Douglass, MD, MACC
Smyrna, GA

VALENTIN FUSTER AWARD FOR INNOVATION IN SCIENCE

Christine E. Seidman, MD
Boston, MA

DISTINGUISHED SERVICE

Pamela B. Morris, MD, FACC
Mount Pleasant, SC

DISTINGUISHED SCIENTIST (BASIC DOMAIN)

James E. Muller, MD, FACC
Auburndale, MA

DISTINGUISHED SCIENTIST (CLINICAL DOMAIN)

Gregory Y. H. Lip, MD, FACC
Liverpool, United Kingdom

DISTINGUISHED SCIENTIST (TRANSLATIONAL DOMAIN)

Margaret M. Redfield, MD, FACC
Rochester, MN

DOUGLAS P. ZIPES DISTINGUISHED YOUNG SCIENTIST

Michael Honigberg, MD, FACC
Boston, MA

INTERNATIONAL SERVICE

Mirvat A. Alasnag, MBBS, FACC
Jeddah, Saudi Arabia

BERNADINE HEALY LEADERSHIP IN WOMEN'S CV DISEASE

Karol E. Watson, MD, FACC
Los Angeles, CA

LIFETIME ACHIEVEMENT

Paul Wayne Armstrong, MD, FACC
Kingston, Canada

MASTERS OF THE ACC (MACC)

C. Noel Bairey Merz, MD, FACC
Los Angeles, CA

Paul N. Casale, MD, MPH, FACC
Lancaster, PA

Edward T. A. Fry, MD, FACC
Indianapolis, IN

Janet S. Wright, MD, FACC
Littleton, CO

DISTINGUISHED AWARDEE CITATIONS

JOHN S. RUMSFELD, MD, PhD, MACC

Presidential Citation

Each year, the ACC President has the great privilege of recognizing an individual or individuals who have made outstanding contributions to the field of cardiology and/or the broader of field of medicine with the Presidential Citation. This year, I'm honored to select John S. Rumsfeld, MD, PhD, FACC to receive this honor in recognition of his long-standing leadership and dedication to advancing innovation to transform cardiovascular care and improve heart health for all.

Innovation is at the heart of the ACC's Mission and Vision and Dr. Rumsfeld has played a visionary role in championing innovation as a means of optimizing cardiovascular patient care and outcomes throughout his career. He was instrumental in developing the Veterans Administration's health records and quality management system and played a critical leadership role in the evolution and management of the College's NCDR registries to ensure they remained relevant and successful in today's health care environment.

Dr. Rumsfeld also served as ACC's first-ever Chief Innovation Officer starting in 2016, where he brough his vision and passion to bear in launching and growing the College's comprehensive Innovation Program. Under his leadership, the ACC made important inroads in fostering strategic collaborations and alliances in the global innovation space – collaborations that continue to serve the College well as it moves forward with engaging stakeholders and building strategic collaborations around the world. In 2020, Dr. Rumsfeld added Chief Science and Quality Officer to his role at the ACC, playing an important role in not only driving the Colleges Innovation Strategy, but also its strategic thinking when it came to digital transformation, optimizing the NCDR, responding to the COVID-19 pandemic, and more.

Today, Dr. Rumsfeld is helping to drive health care innovation on a much bigger scale, serving as director of Health Technology Research, Reality Labs, for Meta. To borrow from Dr. Rumsfeld's own words: "Advances in technology and major changes in the current health care environment create a need, and opportunity, to identify and implement innovative ways to advance cardiovascular medicine." It is truly a privilege to recognize Dr. Rumsfeld for his unwavering commitment to recognizing the need, identifying the opportunities and helping us all with implementing solutions that are truly charting the future of cardiovascular care delivery.

Edward T. A. Fry, MD, FACC

THAD F. WAITES, MD, MACC

Distinguished Fellow

An exemplary role model for service, scholarship, education, and mentorship, Dr. Thad Fulton Waites epitomizes what it means to be a Fellow of the American College of Cardiology and is an outstanding choice for the 2023 Distinguished Fellow Award.

Dr. Waites has provided ongoing support to the College since becoming a Fellow in 1982. He has consistently served as a role model for others through his participation in a multitude of committees, task forces, working groups and leadership positions. His distinguished service has included tenure as chair of the Board of Governors, ACC Trustee, chair of the Health Affairs Committee, and chair of the 2022 Governance Task Force.

Dr. Waites has a longstanding legacy in promoting cardiovascular health and has been a leading force for improved access to cardiovascular care in Mississippi for decades. He facilitated the creation of the Mississippi Healthcare Alliance which established statewide standards for systems of care in myocardial infarction and stroke care. The Alliance started during Dr. Waites's service as the ACC Governor from Mississippi and later involved the participation of the American Heart Association (AHA) Mission Lifeline program focusing on STEMI care. Dr. Waites became president of the AHA Mississippi Affiliate and subsequently president of the expanded AHA Southeast Affiliate for two successive terms. The Mississippi Board of Health became an integral part of these performance improvement efforts and Dr. Waites facilitated a linkage with ACC's NCDR and the Alliance. He has since continued his involvement as chair of the STEMI Performance Improvement committee with the Board of Health.

Dr. Waites has distinguished himself as a leader in the practice of medicine who has provided commendable service to his patients, his community, and the profession. He exemplifies the core strengths and values of the College.

John Gordon Harold, MD, MACC

CATHERINE M. OTTO, MD, FACC

Distinguished Teacher

There is no more deserving honoree than Dr. Catherine (Cathy) Otto, for the ACC Distinguished Teacher Award. Dr. Otto is an undisputed world expert in valvular heart disease and echocardiography as reflected in numerous high impact publications, visiting professorships and textbooks. Her work in aortic stenosis has, in multiple ways, influenced the way we manage this common and clinically important disease. Her echocardiography teaching raised the bar globally for this essential diagnostic tool. Among her recent activities, Dr. Otto co-chaired the 2021 ACC/AHA Guidelines for the Management of Patients with Valvular Heart Disease and is chair-elect of the ACC/AHA Joint Committee for Clinical Practice Guidelines. These roles speak not only to her stature in cardiology but also to her ability to distill complex information into a coherent message to be a resource for others.

Those who learn from Cathy benefit from an approach that develops critical understanding and the ability to "connect the dots" independently. Currently Professor of Medicine and holder of the J. Ward Kennedy Endowed Chair in Cardiology at the University of Washington, Cathy has played key roles in UW's fellowship training, including as program director.

In addition to her own highly successful research career, she has launched the careers of many others. Those who work with her directly learn the building blocks of a successful cardiology career: technical and interpretive imaging skills, bedside physical exam, clinical decision-making, and research hypothesis generation. She has also been recognized as a role model, mentor, coach and sponsor for all those she teaches, including groups under-represented in cardiology, as evidenced through her receipt of the 2008 UW School of Medicine Award for Excellence in Mentoring Women and Minorities.

Cathy has made an impact locally and globally with her widely read textbooks in echocardiography and valvular heart disease, numerous publications and presentations.
Her work as editor-in-chief of *Heart* showcases her innovative approach to teaching. As editor, she augments the publication with the Education in Heart feature, an expert review with accompanying accredited multiple-choice questions, as well as twice monthly podcasts. Her work as the cardiology editor for *Up-to-Date* has also been innovative.

It was truly my honor to nominate Dr. Otto, master scientist, clinician, teacher and mentor, for this award.

Linda D. Gillam, MD, FACC

PARTHO P. SENGUPTA, MD, FACC

Gifted Educator

Dr. Partho Sengupta embodies the qualities of a dynamic and visionary teacher. His innovative training and fellowship programs have led many of his mentees to successful careers, with 12 of them going on to become ACC Young Investigator Award finalists, and more than 50 going on to serve as faculty members at leading institutions. For the impact he has had on the careers of many aspiring clinicians and investigators, he is a most deserving recipient of this year's Gifted Educator Award.

After serving on faculties at Mount Sinai School of Medicine and the West Virginia University Heart and Vascular Institute, he has been the Henry Rutgers Professor of Cardiology at Rutgers Robert Wood Johnson Medical School since 2021.

As a clinician-investigator, his work has been transformational. He has led multidisciplinary teams who have employed novel technologies and approaches in clinical care delivery using ultrasonography, artificial intelligence, informatics and robotics. Sengupta has lectured around the world about cardiac mechanics and advanced technologies, inspiring physicians, trainees, imagers and data scientists across academia. He is an author or co-author of more than 280 publications that have offered new insights into cardiovascular diseases by analyzing structure, function and flow patterns. Most recently, he has worked on experimental and clinical studies that apply artificial intelligence to miniaturized diagnostic instruments such as the ECG, handheld ultrasound and other mobile health devices.

He is an advocate of shared knowledge, teamwork and collaboration, and has contributed to development of several educational programs at regional institutes, communities and for national societies. He helped to establish innovation centers at West Virginia and Rutgers, furthering industry-academia collaborations. In addition, Sengupta has participated in the American Society of Echocardiography's international outreach education and mission programs, speaking and teaching about his research; he received its Rich Pop Excellence in Teaching Award in 2020.

In addition to his research and teaching, Sengupta is an associate editor of *JACC: Cardiovascular Imaging* and is a section editor for *JACC*. He also has served the ACC as an abstract captain for ACC.20 and on the Awards Committee, the Future of Cardiac Imaging Task Force and the Industry Relations Task Force.

Jagat Narula, MD, DM, PhD, MACC

MARCELO F. DI CARLI, MD, FACC

Distinguished Mentor

There are few individuals who can match Dr. Di Carli's lifelong and unwavering dedication to clinical and research mentorship, and I can think of no one more deserving of the Distinguished Mentor Award than him.

Dr. Di Carli's prowess as a mentor is exemplified by many career benchmarks, including his time as the PI for the largest and longest ongoing NIH T32 Training Grant for Cardiac Imaging, as well as the vast list of his trainees who have received Young Investigator Awards and grant funding or have been appointed faculty at top-tier academic centers.

However, it is the accomplishments that are difficult to put into a curriculum vitae that are the most impressive. Dr. Di Carli has been a mentor and a role model for learners at all levels, spanning from undergraduates with little to no experience in science, to graduate students and post-docs, and even to physicians and scientists who are already considered leaders in cardiovascular imaging. Over decades as a physician-scientist-educator, Dr. Di Carli has not lost an ounce of enthusiasm or dedication to mentoring early to late career learners. He is lauded by his colleagues and trainees for the kindness, compassion, and consistency of his mentoring efforts.

Dr. Di Carli is unparalleled in his ability to recognize specific talents and the care he takes to offer trainees and early-stage faculty a personalized and appropriate roadmap for professional and personal growth. Importantly, he knows exactly when and how to step back and let those under his mentorship shine, and how to work behind the scenes to ensure the success of his past mentees and others who may need his help. Accordingly, it is no surprise that so many of his former trainees have become accomplished physician-scientists, thought-leaders, and highly successful mentors.

In summary, cardiovascular medicine has been made better by Dr. Di Carli's extraordinary efforts to train next generation physician-scientists.

Jonathan R. Lindner, MD, FACC

EILEEN M. HANDBERG, PhD, ARNP, FACC

Distinguished Cardiovascular Team Member

Eileen M. Handberg, PhD, ARNP, FACC, is receiving the Distinguished Cardiovascular Team Member Award in recognition of her many contributions to develop and advance the role of nurses and a team-based approach to cardiovascular care.

A member of the ACC since membership expanded to include nonphysicians in 2003, Handberg has accomplished many firsts during her career. In 2008, she was the first nurse to receive the FACC designation and later became the first chair of the Nursing Education Committee and the first Cardiac Care Team Member elected to ACC Board of Trustees. She was a founding member of the Cardiac Care Team Committee, leading the ACC effort to obtain continuing education provider status for continuing education credit from the American Nurses Credentialing Center (ANCC).

While serving as a professor of medicine and director of the Cardiovascular Clinical Trials Program in the division of cardiovascular medicine at the University of Florida, Handberg has been a leader in advancing cardiovascular nursing around the world. She served as chair of the writing group when the ACC and the American Nursing Association updated the Standards of Cardiovascular Medicine, and as co-chair of the committee that developed the ACC Position Statement on Team-Based Care.

Handberg helped develop the core curriculum for the ACC Cardiology Boot Camp for nonphysician providers and for 11 years served as co-chair of the Heart House Live Program. The program developed an ACC course for nonphysician providers and is one of only five ANCC certificate programs that document clinical skills.

Handberg has served on many ACC committees, including Strategic Education Directions, Accreditation, Annual Scientific Session, Patient-Centered Care, Cardiovascular Care Summit, BPQI, Anticoagulation Consortium, CEO Search, Cardiovascular Team Council, Compensation, Cardiometabolic Work Group, Nominating, Chair Cardiovascular Team Council, Membership, Section Steering, Clinical Trials and Governance. She is president of the Preventive Cardiovascular Nurses Association.

Carl J. Pepine, MD, MACC

PAUL L. DOUGLASS, MD, MACC

Pamela S. Douglas Distinguished Award for Leadership in Diversity and Inclusion

I first met Dr. Douglass when I was a fellow-in-training at Emory University. Though he was incredibly busy in his private practice, he would go out of his way to chat with Emory's African American cardiology fellows. For me, he was a role model and a source of "micro mentoring" in the hallways in between cath lab cases. It was evident that he was committed to seeing minority fellows succeed. In so many ways he has served as a role model for all cardiologists who provide equitable care for underserved communities, and a guiding light for African American cardiologists in particular.

His service to underserved communities goes far beyond his medical practice. With leadership roles in the National Medical Association and his service as president of several important health-related organizations such as the Metro Atlanta American Heart Association and the Association of Black Cardiologists, Paul has pushed organizations and hospitals to view every major decision through a diversity, equity and inclusion lens. The American College of Cardiology has certainly benefitted from his tireless efforts to enhance diversity and inclusion in our profession. He has served as a member or chair of 25 important ACC committees or writing groups and his current leadership role as the chair of the Health Equity Task Force gives him the platform to keep ACC focused on fair and equitable care for cardiovascular patients.

The chief of the division of cardiology at Wellstar Medical Group, Douglass also is a clinical assistant professor at Morehouse School of Medicine and is an in-demand speaker. Dr. Douglass has traveled as far as Brazil to speak about racial health care disparities and the need to diversify the cardiovascular workforce.

From my first interaction with him when he took time to share valuable career advice with a young fellow to our current collaborations in our roles as ACC Committee Chairs, I have been impressed with his lifelong dedication to diversity, health equity, and servant-leadership. He is a most deserving recipient of this award.

Quinn Capers, IV, MD, FACC

CHRISTINE E. SEIDMAN, MD

Valentin Fuster Award for Innovation in Science

I am honored to present the 2023 Valentin Fuster Award for Innovation in Clinical Science to Dr. Seidman. She is an extraordinary physician-scientist who has contributed an impressive body of scientific research to the field of cardiovascular medicine, evolving from basic science to clinical areas.

Alongside her husband, Jon Seidman, PhD, she pioneered the discovery of the genetic basis for heart muscle disorders, including hypertrophic cardiomyopathy (HCM) and dilated cardiomyopathy (DCM) and congenital heart disease (CHD). The discovery led to the development of gene-based diagnoses that provide early and accurate assignment of disease causality, identify individuals at risk for developing disease, and improve opportunities to prevent adverse outcomes. By building experimental models with human mutations and direct interrogation of human cardiomyopathy tissues, she uncovered underlying mechanisms for disease pathophysiology and developed targeted therapeutics. These insights also led to a new FDA-approved HCM medicine, mavacamten. With this, there is now a real prospect for preventing the progression to heart failure that occurs in many HCM patients.

Dr. Seidman's research efforts continue to push innovative therapeutic strategies for genetic heart muscle diseases. Using molecular strategies to selectively deliver nucleic acid editors and nucleases to cardiomyocytes in preclinical disease models, she recently reported the successful correction and silencing of an HCM mutation. This opportunity holds the promise for a single intervention that provides a lasting cure not only for HCM, but for any genetic heart muscle disease.

Amid these important scientific contributions, Dr. Seidman has trained and mentored an outstanding cadre of basic and translational scientists dedicated to cardiovascular research. These are considered her most valued accomplishments and lasting legacy. It is truly a privilege to recognize her with the 2023 Valentin Fuster Award.

Valentin Fuster, MD, PhD, MACC

PAMELA B. MORRIS, MD, FACC

Distinguished Service

A passionate educator, dedicated mentor and leader, Dr. Morris is an outstanding ambassador for the College and a role model for many women and men who wish to become involved with the ACC. Her contributions to the field of preventive cardiology, as well as to the ACC, will indeed advance the College's Mission to transform cardiovascular care and improve heart health for all.

Currently a member of the ACC Board of Trustees, Dr. Morris is a committed, collaborative volunteer, serving on more than 40 College committees and activities so far. Her leadership as chair of the ACC Annual Scientific Session from 2020 to 2021 during the challenging pivots of the COVID-19 pandemic were extraordinary; she served as chair for ACC.21 and ACC.22 and was vice chair for the previous two meetings.

The ACC's inaugural Excellence in Leadership Award was bestowed on Dr. Morris in 2017. Among her contributions to the College are her service as prevention editor for the ACC Self-Assessment Program (ACCSAP); chair of the Prevention of CV Disease Section Leadership Council; vice chair of the Writing Committee for the 2017 and 2022 Expert Consensus Decision Pathway on the Role of Nonstatin Therapies for LDL-Cholesterol Lowering in the Management of Atherosclerotic Cardiovascular Disease Risk; vice chair of the Writing Committee for the 2021 ACC Expert Consensus Decision Pathway for Management of ASCVD Risk Reduction in Patients With Persistent Hypertriglyceridemia; chair of the Heart House Roundtable LDL and Beyond from 2019 to 2022; co-chair of the ACC Train-the-Trainer Program for Evidence-Based Management of Lipid-Lowering Therapies; and from 2014 to 2016 she was an influential member of the ACC Population Health Policy and Promotion Committee.

Dr. Morris is a professor of medicine and cardiology at the Medical University of South Carolina (MUSC), where she serves as director of the Seinsheimer Cardiovascular Health program and co-director of Women's Heart Care program, where, in part, she studies gender differences in the diagnosis and management of cardiovascular disease. She is active in national education programs for physicians and women to raise awareness of women's cardiovascular risks.

A principal investigator or co-investigator for several research trials, Morris has been a presenter at more than 200 conferences nationally and internationally and is an author or co-author of more than 50 peer-reviewed publications. She has long been active in curriculum development, teaching and mentoring through her work and professional memberships. She was recognized with the 2020 National Lipid Association Clinician Educator Award and the MUSC 2021 Excellence in Student Teaching Award.

Patrick T. O'Gara, MD, MACC

JAMES E. MULLER, MD, FACC

Distinguished Scientist (Basic Domain)

Dr. Muller's tremendous contributions to cardiovascular research and discovery qualify him as a worthy recipient of the Distinguished Scientist Award in the Basic Domain. He attended medical school at Johns Hopkins University and completed a cardiology fellowship at the Brigham and Women's Hospital, where he conducted research led by none other than Dr. Eugene Braunwald.

Dr. Muller demonstrated that precordial electro-cardiographic mapping could be used to study early reperfusion, and documented relief of coronary vasospasm by nifedipine. In 1985, he made the serendipitous observation that myocardial infarction was more likely in the morning, and later documented morning increases in stroke and sudden cardiac death. He followed these clues to causation by documenting morning increases in platelet aggregability and arterial pressure and quantitated the risk that heavy exertion or anger could trigger events. To study triggering of MI, his colleagues Drs. Maclure and Mittleman developed the case-crossover method that has now been used in thousands of studies. In 1989, studies of triggering led Drs. Muller, Tofler and Stone to postulate that plaques may become "vulnerable" to disruption and thrombosis, a concept now addressed in over 20,000 manuscripts.

Dr. Muller co-founded start-ups that developed IVUS-NIRS and OCT-NIRS coronary catheters to identify vulnerable plaques in patients. He initiated two large prospective trials that demonstrated NIRS-IVUS imaging can identify vulnerable plaques, as have six other trials. Dr. Muller also co-founded International Physicians for Prevention of Nuclear War. The organization was awarded the Nobel Peace Prize in 1985, the same year of his seminal discovery of the morning increase of myocardial infarction.

Notably, while Dr. Muller was leading groundbreaking research and founding pivot start-ups and organizations, he continued to treat patients at the Brigham until he retired from patient care in 2021. His reach and impact has been immeasurable, and we're delighted to honor him with this award.

Russell V. Luepker, MD, FACC

GREGORY Y. H. LIP, MD, FACC

Distinguished Scientist (Clinical Domain)

Gregory Y. H. Lip, MD, FACC is among the world's most prolific and influential clinical investigators. For his contributions to the advancement of clinical knowledge, he is a most deserving recipient of this year's Distinguished Scientist Award in the Clinical Domain.

Professor Lip continues to make major, unique contributions to scientific knowledge in clinical cardiology, and his findings have had a major impact on cardiovascular clinical practice around the world. His H Index exceeds 200, and he has had over 350,000 citations of his work. He is consistently ranked as one of the foremost experts on atrial fibrillation (AF) in the world, and has led the effort over the last quarter of a century to define the pathophysiology, risk factors, optimal treatments, and quality of care related to thrombosis in AF. Among his most significant achievements is the development of risk assessment tools to guide anticoagulation for stroke prevention among the many millions of patients with atrial fibrillation.

He has collaborated successfully with investigators, industry representatives and professional organizations on a global scale. Professor Lip is widely recognized for his pragmatic clinical expertise, his leadership skills in multicenter research initiatives, his boundless energy and drive, and his friendly collaborative personality.

Professor Lip is the Price-Evans Chair of Cardiovascular Medicine, at the University of Liverpool, UK – and Director of the Liverpool Centre for Cardiovascular Science at the University of Liverpool and Liverpool Heart & Chest Hospital. He is also Distinguished Professor at Aalborg University, Denmark; and Adjunct Professor at Seoul National University and Yonsei University, Seoul, Korea.

He also holds Visiting or Honorary Professorships in various other Universities in UK, Serbia (Belgrade), China (Beijing, Nanjing, Guangzhou), Thailand (Chiangmai, Mahidol) and Taiwan (Taipei).

Hugh Calkins, MD, FACC

MARGARET M. REDFIELD, MD, FACC

Distinguished Scientist (Translational Domain)

Margaret M. Redfield, MD, FACC, is receiving the Distinguished Scientist (Translational Domain) Award in recognition of her groundbreaking research on the prevalence of heart failure with preserved ejection fraction (HFpEF) and its relationship to other cardiac and systemic disease, which has led to advances in its management.

During her tenure at the Mayo Clinic College of Medicine and Science, which began in 1984, she rose to become professor of medicine, leading research proving that HFpEF affects half the heart failure population. Her epidemiologic studies in Olmsted County, Minnesota, in the 1990s, showed that elderly women disproportionately suffer from HFpEF.

Unique research by Redfield gathered information from population-based studies and used "reverse translating" in animal models. These models highlighted the role of advanced age and renal involvement in the development of HFpEF, showing it to be a multisystem disorder. Her work has been used to evaluate HFpEF therapies that include advanced glycation end-product cross-link breakers and cyclic guanosine monophosphate-enhancing therapies.

In her current research, Redfield is studying the role of radiation therapy as a cause of microvascular dysfunction and the development of HFpEF. This research is examining whether radiation therapy for breast cancer may be a risk factor for HFpEF.

Redfield has been a leader in the NHLBI Heart Failure Trials Network, and through this work has become a mentor to other researchers in the field. She has been the principal investigator, co-investigator or consultant on more than 100 federal, industry or foundation-funded grants. She is the author or co-author on hundreds of peer-reviewed articles, book chapters, editorials, abstracts and letters related to heart failure and pulmonary hypertension. She has been a member of the ACC Abstract Grading Committee since 1995, is a member of the Senior Advisory Board of *JACC: Heart Failure* and often serves as a speaker or chair at ACC educational presentations.

Paul A. Friedman, MD, FACC

MICHAEL HONIGBERG, MD, FACC

Douglas P. Zipes Distinguished Young Scientist

Dr. Honiberg is a remarkably bright, creative, and passionate cardiovascular physician-scientist, and a deserving recipient of this year's Douglas P. Zipes Distinguished Young Scientist Award. He has distinguished himself over a remarkably short period of time as a highly effective scientific leader by spearheading complex analyses and collaborations to tackle important problems.

Using conventional epidemiology and novel data types in genomics and precision medicine, Dr. Honiberg has contributed to many new observations in women's heart health. Among his many contributions, he has demonstrated wide-ranging cardiovascular effects of hypertensive disorders of pregnancy among middle-aged women; the use of human genetics to prioritize putative causal pathways to reduce the risk of hypertensive disorders of pregnancy; and the use of retinal imaging and genetics to explore the influences of hypertensive disorders of pregnancy on microvasculature. He has also investigated natural and surgical premature menopause's effects on multiple cardiometabolic risk factors, and discovered age-related blood cell mutations predictive of cardiovascular risk are also enriched among women with natural premature menopause.

His scientific contributions span multiple domains and also include gaps in current preventive care and opportunities for improvement with respect to CT imaging (*JACC: Cardiovascular Imaging*, 2019) and lipids (*JAMA Cardio 2022*), and the demonstration of a substantial gradient of atherosclerotic, heart failure, and kidney disease risk across the spectrum of glycemia below thresholds for diabetes in the primary-prevention adult population (*JACC 2021*).

Mike is an exceptional clinical preventive cardiologist, and I frequently receive high praise from his patients for his outstanding care. He has cultivated a unique practice spanning women's heart health, preventive cardiology, and precision medicine. Lastly, Mike is an outstanding mentor, with several earlier trainees gravitating to him. Overall, it is an honor and a privilege to participate in Mike's professional growth.

Pradeep Natarajan, MD, MMSc, FACC

MIRVAT A. ALASNAG, MBBS, FACC

International Service

It gives me great pleasure to write this citation for Dr. Mirvat Alasnag, this year's ACC International Service Award recipient.

I have known Dr. Alasnag since she was a medical resident rotating in my cardiology unit. Even at that stage of her career, I knew she was destined for an outstanding future in cardiovascular medicine. Since joining my department as an attending physician in 2009, she has excelled in every conceivable role she has been assigned—succeeding not just as a clinician, but also as an educator and administrator. She was the first female interventional cardiologist in the Gulf region and has since represented women on multiple medical committees. Her consistent high performance also led to her appointment in 2015 as the first female cath lab director in the Gulf region. Dr. Alasnag currently serves as the director of the catheterization laboratory at the King Fahd Armed Forces Hospital in Jeddah, Saudi Arabia.

Dr. Alasnag has spent her career devoted to international collaboration. She has served on multiple ACC committees, including as chair of the ACC Early Career International Work Group, a member of the ACC Interventional Section Leadership Council and as chair of the ACC Women in Cardiology International Work Group. Her work on the international stage has not been confined to the ACC, however. She serves on the Board of Trustees for the Society of Cardiovascular Angiography and Interventions, and has held many roles within ESC, EAPCI and APSIC. She has been a leading voice and advocate for women in cardiology where she also currently serves as the co-chair of the WIN-APSIC.

In addition to her many international commitments she also serves on numerous national committees including steering committee for Saudi guidelines on lipid management, TAVR and chronic coronary syndromes. She is a member of the National Heart Center, Ministry of Health and the newly elected General Secretary of the Saudi Arabian Cardiac Interventional Society. She has over 60 publications and is currently the editor in chief of *Current Cardiovascular Imaging Reports*, editor for *Circulation: Cardiovascular Interventions*, *JSCAI*, *Open Heart* & cardiovascular revascularization medicine journals as well as contributing editor for ACCEL and PCROnline.

Khaled Al-Shaibi, MB CHB, FACP, FACC

KAROL E. WATSON, MD, FACC

Bernadine Healy Leadership in Women's CV Disease

Dr. Watson's impressive career integrates outstanding clinical care, research, and education with her deep interest in health equity and professional support for women and individuals underrepresented in medicine. She is a steadfast champion for women in cardiovascular medicine and embodies the true spirit of the Bernadine Healy Leadership in Women's Cardiovascular Disease Award.

A graduate of Stanford University and Harvard Medical School, Dr. Watson trained in internal medicine in the Clinical Investigator Pathway at the University of California at Los Angeles (UCLA). She continued her training at UCLA as a fellow in cardiovascular disease and also received a PhD in physiology from UCLA. After serving as a chief fellow in cardiology, Dr. Watson joined the faculty of the David Geffen School of Medicine at UCLA as an assistant professor in the division of cardiology. In 2013, she was promoted to professor of medicine. Additionally, Dr. Watson serves as director of both the UCLA Women's Cardiovascular Center and the UCLA Barbra Streisand Women's Heart Health Program. She is also the co-director of the UCLA Program in Preventive Cardiology.

For the last 12 years, Dr. Watson has also served as program director of the UCLA Cardiovascular Diseases Fellowship Program. Under her direction, the program has become known for clinical and research excellence, and cultivating a supportive and diverse community.

Dr. Watson is a first-rate clinician-scientist with a translational and clinical focus on atherosclerosis and coronary artery disease. Within that arena, she has purposefully examined differences in care and outcomes for women and racial and ethnic minorities. She serves as a principal investigator of the Multi-Ethnic Study of Atherosclerosis, which has furthered understanding of risk factors associated with subclinical and clinical cardiovascular disease in patients from diverse ethnic backgrounds.

Robert A. Harrington, MD, MACC

PAUL WAYNE ARMSTRONG, MD, FACC

Lifetime Achievement

Dr. Armstrong is a world leader in cardiovascular (CV) medicine, with exceptional contributions and a lifetime of achievements spanning more than 50 years. He has served as a role model through service, research, and teaching and his unique contributions have had a substantial impact on peers, learners, and patients. For his transformative achievements throughout his career, he is this year's Lifetime Achievement Award recipient.

Consistent with the ACC Mission and Vision, his efforts and expertise have focused upon the transformation and improvement of heart health. He epitomizes the three ACC core values: patient-centered; teamwork and collaboration; and professionalism and excellence. His outstanding accomplishments have fundamentally influenced the practice of cardiology and enhanced the health of patients worldwide.

His unparalleled commitment to excellence is a career trademark, leading to the advancement of scientific knowledge encompassing many research themes including basic biomedical, clinical, population health, and health systems delivery. His substantial publication record places him amongst the top 10 most productive authors in the medical literature.

Dr. Armstrong has held leadership roles at several major health care institutions and universities in Canada, and has remarkable record of progressively influencing the direction, growth, and culture of each organization. In parallel, he has taught and mentored several generations of physicians, shaping the training and career trajectories of many individuals now in significant leadership positions internationally.

His involvement in clinical trials has had a profound impact on global cardiovascular medicine. The VIGOUR network he co-founded has played a leadership role in design and implementation of numerous novel therapies worldwide, indelibly influencing the direction of cardiac care.

In summary, Dr. Armstrong's national and international leadership in research has had a substantial impact upon several generations of cardiovascular healthcare providers and has changed patient management worldwide. His contributions have been sustained throughout his career, been transformative, multidisciplinary, collaborative, multifaceted, and have had broad global impact.

Shaun G. Goodman, MD, FACC

C. NOEL BAIREY MERZ, MD, FACC

Master of the ACC (MACC)

It was my absolute honor and privilege to nominate Dr. Bairey Merz for the Master of the American College of Cardiology (MACC) designation. Dr. Bairey Merz is a Professor of Cardiology and Biomedical Sciences and Medical Director of the Barbra Streisand Women's Heart Center at Cedars-Sinai Medical Center, and a Professor in Residence at the David Geffen School of Medicine at the University of California at Los Angeles. She is an international leader in the field of cardiovascular disease in women and cardiovascular prevention.

She is an established physician scientist, recipient of over $10 million in active research support, and author of over 600 scientific publications, editorials and review papers. She is well known for her outstanding teaching skills and her successful mentorship and sponsorship of many young physicians and cardiovascular team members. She has also been a tireless and powerful advocate for her patients.

In addition to her scientific contributions, Dr. Bairey Merz has shared her time, talent, and expertise in service to the ACC. She was a Trustee of the College from 2002-2007 and has served as the Chair of six ACC committees including the Scientific Publications Committee, the Member Compensation Committee (on which she served two terms as Chair), the Prevention of CVD and Publications Committees. She has served – including in Chair and co-Chair capacities – on over 20 ACC Committees, Task Forces, and ad hoc work groups. She has also served as an Associate Editor of ACCEL and is regularly invited as a session chair/moderator at the annual ACC Scientific Session. She has been a co-author on many consensus statements and guidelines which have helped shape the clinical care of countless patients.

I can think of no one more deserving than Dr. Bairey Merz to receive the MACC designation.

Malissa J. Wood, MD, FACC

PAUL N. CASALE, MD, MPH, FACC

Master of the ACC (MACC)

There is no one who knows more about value-based care and payment reform, nor has done more to provide guidance to the College in this area than Paul Casale. On the Board of Trustees, Dr. Casale led many efforts including serving as Chair of the ACC Health Systems Strategy Taskforce and then co-chair of the combined ACC CV Enterprise and Health Systems Taskforce.

He has also chaired both the Population Health Management Taskforce and the Alternative Payment Model Workgroup. He chaired the MACRA Task Force in 2015-2016 and has been chair of the Value-Based Care in Cardiology Forums since 2019. These forums, both virtual and in person, have been critical in bringing stakeholders including clinicians, payers, and employers together to help improve care models and develop condition-based payment models. Dr. Casale's leadership has been exemplary, and he brings to the College his wealth of experience that he demonstrates via his 'day job in New York.

Dr. Casale has continued to take on stewardship roles, such as serving on the Governance Committee, after his term on the BOT was complete. At a time when many former trustees decrease or stop their active service to the College, he has continued his efforts to better the College and help achieve its goals.

With his command of alternative payment models, population health and health policy, Dr. Casale has contributed greatly to the College's focus on health systems and the impact of new payment models on our members. With the extensive international experience he brings to the table, Dr. Casale has served as a knowledgeable resource for the ACC's international expansion. And with a diverse range of experience working both within private practice and as a leader within a larger health system, he is able to draw on a diverse range of perspectives as we develop solutions that help us transform the future of cardiovascular care.

In my view, no one is more deserving of the designation of Master of the American College of Cardiology than Paul Casale.

Mary Norine Walsh, MD, MACC

JANET S. WRIGHT, MD, FACC

Master of the ACC (MACC)

Janet S. Wright, MD has been a member of the American College of Cardiology since 1986 and a Fellow of the College since 1987. During these decades, she has devotedly contributed her time, her energy, and her and leadership skills to the Mission of the ACC to transform cardiovascular care and to improve heart health, and to the values of the College – patient-centeredness, teamwork and collaboration, and professionalism and excellence.

Examples of Dr. Wright's Mission-and-Values-related activities include her volunteer contributions as chair of the Disease Management Oversight Task Force; as a trustee of the College, and as a promoter of the Medical Directors' Institute. In her College executive role as the first senior vice president for Science and Quality, she was a champion of both the PINNACLE Registry®, the first program of quality improvement for outpatient cardiovascular medicine and the College's appropriate use criteria, the first effort to instantiate evidence-based accountability for cardiovascular practitioners.

Since 2011, Dr. Wright has served in the U.S. Department of Health and Human Services and in the Centers for Disease Control and Prevention's Division for Heart Disease and Stroke Prevention, and during these times, she has maintained her American College of Cardiology membership and has continued to promote the College's Mission and Vision in such roles as the inaugural director of the Million Hearts initiative.

During her time as a federal government employee, Dr. Wright has remained active with the College, giving the Bishop Lecture at ACC.17, and participating in planning the 2020 Consensus Conference on Ethics and Professionalism. She also was a contributing panelist recently in the Journal of the American College of Cardiology's Global Burden of Cardiovascular Disease Webinar.

Selflessly contributing and always identifying as a Fellow of the College, Dr. Wright's professional activities have brought great credit to herself and to the American College of Cardiology; it is highly fitting and appropriate that she be recognized as a Master of the American College of Cardiology.

William J. Oetgen, MD, MBA, MACC

EDWARD T.A. FRY, MD, FACC

Master of the ACC (MACC)

Over the course of the past year, Edward T.A. Fry, MD, FACC has led the College as it continues to grow and transition to meet the needs of cardiovascular clinicians and patients in a post-pandemic world.

Thanks to his vision and leadership, the ACC has made great strides toward achieving its vision of a world where science, innovation and knowledge optimize patient care and outcomes. He has been a strong proponent of taking tangible actions to address health equity, grow the pipeline of future cardiovascular clinicians and leaders, and advance solutions to the current workforce crisis, ensure clinician well-being and stop continued cuts to physician reimbursement.

Dr. Fry attended medical school at Washington University School of Medicine in St. Louis and completed his residency in internal medicine at Barnes-Jewish Hospital. He completed a two-year cardiovascular research fellowship focused on pharmacokinetics/pharmacodynamics of native and genetically modified plasminogen activators. He also completed a general cardiology fellowship at Washington University, where he then served as assistant professor and medical director of the cardiac transplant program before completing an interventional cardiology fellowship at Ascension St. Vincent Hospital – Indianapolis.

In 1991, he joined the cardiology practice at St. Vincent where he continues to be a busy interventional and general cardiologist and serves as chair of the Ascension National Cardiovascular Service Line. He helped launch Navion Healthcare Solutions, a subsidiary data quality management software company owned by Ascension, where he previously served as board chair.

In addition to serving as ACC president, he has also served on many leadership roles within the College. Dr. Fry is past president and governor of ACC's Indiana Chapter. Within the ACC, he has served on the Audit and Compliance Committee (chair), Digital Strategy Steering Committee; Interventional Section Leadership Council; Surviving MI Initiative; Integrating the Health Enterprise Health Policy Work Group; Clinical Quality Committee; Prior Authorization Work Group; ACC Telemedicine Project; ACC COVID-19 Hub; Board of Governors Steering Committee; Innovations Development Work Group; ACC Premier Oversight Work Group (chair); Board of Trustees (BOT) Task Force on Clinician Well-Being; Health Systems Task Force; ACC/AHA Ethics and Professionalism Consensus Task Force, and ACC Nominating Committee. He has been a presenter, moderator and session chair at ACC Annual Scientific Session, ACC CV Summit, MedAxiom CV Transforum, Heart House Roundtables and is a member of HeartPAC, ACC's political action committee. He currently serves on ACC's BOT and MedAxiom's Board of Managers.

The ACC is grateful for his service as ACC president over the past year. For his dedication and leadership, we are honored to recognize him as a Master of the American College of Cardiology.

.