**Sherin M. Abraham, MS, FNP, AGACNP, DNP**

Dr. Sherin Abraham, DNP, MS-FNP-BC, AGACNP, brings over 20 years of cardiology experience and is a driving force in advancing cardiovascular care across both clinical and community settings. As the primary investigator of AMI readmissions, she spearheaded the creation and system-wide expansion of a high-impact Acute Myocardial Infarction (AMI) Program, leading transformative improvements in patient outcomes and quality of care. A passionate advocate for prevention, she founded CPR Hikers, empowering communities through CPR training and cardiac health education. Dr. Abraham earned her BSN from CMC Vellore, MSN-FNP from Molloy College, AGACNP from New York University and DNP from Walden University.

**Emir Bander, CVT**

Emir Bander is a graduate of the University of Zagreb School of Medicine in Croatia. He has worked in the clinical research space at Mount Sinai Hospital for 9 years before transitioning to the Mount Sinai Cath Lab as a Cardiovascular Technologist. His work includes researching the genetic basis of fibromuscular dysplasia and contributing to the Mount Sinai FAMILIA Project, which aimed to lower cardiovascular disease risk factors for children and their parents in the Harlem area.

**Nitin Barman, MD FACC FSCAI**

Chicago native. Completed medicine training at UCSF followed by cardiology fellowship at the Cleveland Clinic. Came to Mt. Sinai for interventional training in 2005. Spent the majority of his 19 years in practice as faculty at Mt. Sinai and currently serves as the Cath Lab Director at Mount Sinai Morningside Hospital. Is an expert transradial complex/CTO coronary operator, serves as faculty for multiple practical courses on atherectomy and complex transradial interventions, and leads the interventional cardiology fellowship program at Mt. Sinai Morningside Hospital. Is, most importantly, the proud father of an 8-and-a-half-year-old daughter and unfortunately, remains a lifelong tortured Chicago sports fan.

**George P. Batsides, MD**

Double board-certified in general and thoracic surgery, Dr. Batsides is a leading expert in cardiothoracic surgery. His areas of clinical expertise include high-risk cardiac procedures, complex aortic surgery, cardiogenic shock, implantation of short- and long-term ventricular assist devices (LVAD), traditional open and re-operative procedures and minimally invasive valve procedures. Dr. Batsides pursued his dream of becoming a physician in part from a long-standing history of heart disease in his own family, which led him to specialize in the cardiothoracic field. He embraces the opportunity to collaborate with fellow physicians and team members to further invigorate his field and provide the very best care.

**Daniel Burkhoff, MD, PhD**

Dr. Burkhoff obtained PhD and MD degrees from The Johns Hopkins School of Medicine and completed a fellowship in Cardiology at The Johns Hopkins Hospital. Dr. Burkhoff then moved to Columbia University in the City of New York where he established and ran the Cardiovascular Research Laboratory through 2003 and then took the position of Director of the Jack Skirball Center for Cardiovascular Research of the Cardiovascular Research Foundation (CRF) through 2005. His focus shifted to development and research of medical devices in his capacity as Medical Director of several startup companies involved in diagnostics and therapies for heart failure. Dr. Burkhoff then returned to CRF as Director of Heart Failure, Hemodynamics and Mechanical Circulatory Support Research. In this capacity he also directs CRF's educational program called "TEACH" (Training and Education in Advanced Cardiovascular Hemodynamics). Dr. Burkhoff's interest include cardiovascular modeling and research in basic and clinical aspects of ventricular mechanics, cardiovascular monitoring, heart failure, device and pharmacologic treatments for heart failure, including left ventricular assist devices. He is also author of Harvi, an interactive simulation-based application available on the world wide web for teaching and researching many aspects of ventricular mechanics and hemodynamics.

**Robert M. Califf, MD**

Dr. Robert M. Califf, MD, MACC is a distinguished physician, researcher, and leader in clinical and regulatory science. He twice served as Commissioner of Food and Drugs (2016–2017, 2022–2025) and is currently an Instructor in Medicine at Duke University. Between his FDA appointments, he led medical policy and strategy at Verily and Google

Health. A nationally recognized expert in cardiovascular medicine and clinical research, Dr. Califf was a long-time professor and vice chancellor at Duke, where he founded the Duke Clinical Research Institute. He is a member of the National Academy of Medicine and has published over 1,200 peer-reviewed articles.

**Melissa Chang, NP**

Melissa Chang, MSN, FNP- BC started in Mount Sinai Hospital as a Cath Lab Nurse Practitioner in 2020. She received her undergraduate Nursing Degree from the University of Vermont and Family Nurse Practitioner Degree at Lehman College.

**George D. Dangas, MD, PhD, MACC, MSCAI**

Professor of Medicine (Cardiology) & Surgery (Vascular) at Icahn School of Medicine & the Mount Sinai Hospital in New York and Director, Cardiovascular Innovation at Mt Sinai Hospital, NYC; Chief of Cardiology, Mount Sinai Queens; Associate Director of Mount Sinai Heart; President of SCAI 2023-24; TCT Director, Interventional Cardiology Principle & Practice Textbook Editor (Wiley London).

After Medical/Doctorate studies at National Capodistrian University of Athens & Medical Officer duty, Hellenic Navy he trained in Medicine at Brown University, and Cardiology&Interventional at Mount Sinai. Among the founding physicians of Cardiovascular Research Foundation NYC, he led the founding of Interventional Fellowship Programs at Lenox Hill & Columbia University Medical Center.

He was Trustee of ACC and Program Chair of ACCi2 Summit, founder of ACC Interventional Council/Section & Cardiology Chair at Onassis Heart Center. He is Fellow of AHA and ESC and Adjunct Professor of Medicine/Cardiology at the Universities of Vienna and Athens.

He is elected Master of ACC, Master Interventionalist SCAI, ACC Distinguished Fellow 2019 & Distinguished Teacher 2017, and in numerous Top/Super Doctors & WHOisWHO listings as well as Councils and Committees of ACC, AHA and SCAI.

**Victoria Delgado, MD, PhD**

Dr. Victoria Delgado is currently the head of the cardiovascular imaging department of the Heart Institute at the University Hospital Germans Trias i Pujol and scientific director of the

Centre of Comparative Medicine and Bioimaging in Badalona, Spain. She graduated in medical school at the University of Barcelona (Spain), accomplished her training in Cardiology at the Hospital Clinic in Barcelona (Spain) and followed a 3-year fellowship at the Leiden University Medical Center (The Netherlands) where she was appointed as cardiologist with expertise on multimodality imaging from 2010 till 2021. She obtained her PhD degree cum laude in 2010 at the Leiden University with the thesis entitled Novel Cardiac Imaging Technologies: Implications in Clinical Decision Making.

She has more than 800 peer-reviewed publications, and an H-factor of 94. She has contributed to more than 20 textbooks, including the worldwide recognized landmark book Hurst's The Heart, 15th edition. She has been co-promotor of 17 PhD students and currently supervises 8 PhD fellows. She has been Associate Editor of the Journal of American Society of Echocardiography and she is currently Senior Editor of Circulation. She has been very much involved at the European Society of Cardiology, in several task force of guidelines, in the Clinical Practice Guidelines Committee, European Observational Registry Programme and ESC Congress programme committee. She has been councilor of the ESC Board and is currently the President of the European Association of Cardiovascular Imaging.

**Srinivas Duvvuri, MD, FACC**

Senior Medical Director of Mount Sinai Health Network in Staten Island from 2019, Clinical Associate Professor at Icahn School of Medicine. Director of Coronary Intervention at Richmond University Medical Center, Staten Island and a Senior Cardiologist at Mount Sinai Cardiac Catheterization Lab with over 25 years' experience with coronary interventions. Strong clinical expertise in taking care of complex patients and performing complex interventions in close association with the leadership of Drs. Samin Sharma and Annapoorna Kini at Mount Sinai Cath lab. An early adaptor with over 20 years' experience with trans-radial approach to cardiac cath and coronary interventions and STEMI.

**John T. Fox, MD, FACC, FSCAI**

Dr. John T. Fox is board certified by the American Board of Internal Medicine in Interventional Cardiology, Dr. Fox specializes in Interventional Cardiology. He earned his medical degree from New York Medical College in 1989. This was followed by a residency

training in Internal Medicine as well as fellowships in Cardiology and Interventional Cardiology, all at Mount Sinai Beth Israel.

Dr. Fox is the Professor of Medicine at the Icahn School of Medicine, Site Chair of Cardiology at Mount Sinai Beth Israel and the Director of Inpatient Services at Mount Sinai Morningside.

**Jason Freeman, MD, FACC, FSCAI**

A graduate of New York Medical College, Dr. Freeman was Program Director of the Interventional Cardiology Fellowship Program at NSUH-Manhasset. He served on the board of directors of the American Heart Association – Long Island Region, and is a clinical council member of the American Heart Association. Dr. Freeman is a Fellow of the American College of Cardiology as well as Fellow of the Society for Cardiovascular Angiography and Interventions.

Dr. Freeman came to Mount Sinai South Nassau in 2006 as Director of Interventional Cardiology. Dr. Freeman is one of the few Interventional Cardiologists in NY to be awarded "Double Asterisk Status", the New York State Department of Health's highest rating in safety and efficacy for angioplasty. His experience in angioplasty is accompanied by an outstanding compassion for his patients. He heads a team of interventional cardiologists that has successfully performed thousands of coronary interventions and has more than 50 years combined experience.

**Valentin Fuster, MD, PhD, MRCP, MACC**

Valentin Fuster, M.D., Ph.D., President of Mount Sinai Fuster Heart Hospital and Physician-in-Chief of The Mount Sinai Hospital in New York, USA. Dr. Fuster is the General Director of the “National Center for Cardiovascular Research or CNIC (equivalent to NHLBI) in Madrid, Spain.

The innumerable positions he has held include those of President of the American Heart Association, President of the World Heart Federation, member of the US National Academy of Medicine, where he chaired the Committee for the document on "Promotion of Cardiovascular Health Worldwide and presently Co-Chairs the Advisory Committee on “the Role of the United States on Global Health” as advisor to the President, Member of the European Horizon 2020 Scientific Panel of Health, Council member of the US National

Heart, Lung and Blood Institute and President of the Training Program of the American College of Cardiology.

After qualifying in medicine at the University of Barcelona, Valentin Fuster continued his studies in the USA. He was Professor in Medicine and Cardiovascular Diseases at the Mayo Medical School, Minnesota and in 1982 at the Medical School of Mount Sinai Hospital, New York. From 1991 to 1994 he was The Mallinckrodt Professor of Medicine at Harvard Medical School and Chief of Cardiology at the Massachusetts General Hospital, Boston. In 1994, he was named director of the Cardiovascular Institute at Mount Sinai a post he has combined since 2012 with that of Physician-in-Chief of the Hospital.

He was named Editor-in-Chief of the journal Nature Reviews in Cardiology and, more recently for 10 years until July 2024, he has been Editor-in-Chief of the Journal of the American College of Cardiology, the ACC's flagship publication and a main American source of clinical information on cardiovascular medicine (Impact factor 17.7).

Dr. Fuster's research is unparalleled in areas relating to the causes, prevention, and treatment of cardiovascular disease globally, and spans the full range from hardcore basic science and molecular biology, through clinical studies and large-scale multinational trials, to population sciences and global medicine. His scientific contribution worldwide can be summarized by his H Index is 241 (Google Scholar), his 40 worldwide Honoris Causa and the most highly cited Spanish Research Scientist of all times (Google Scholar).

His research into the origin of cardiovascular events, which have contributed to improved treatment of heart attack patients, was recognized in 1996 by the Prince of Asturias Award for Technical and Scientific Research (highest international award of Spain). In June 2011 he was awarded the Grand Prix Scientifique of the Institute of France (considered a most prestigious award in cardiology) for his translational research into atherothrombotic disease.

Recently, he received the prestigious 2020 Prince Mahidol Award Laureate for his lifelong contribution in the field of medicine and in December 2024, he received The Antonio Gotto Prize for Atherosclerosis Research from the International Society of Atherosclerosis.

Among his many achievements, it is noteworthy that Dr. Fuster is the only cardiologist to have received the highest awards for research from the four leading cardiovascular organizations: the American Heart Association (Gold Medal and Research Achievement Award), the American College of Cardiology (Living Legend and Life Achievement Award), the European Society of Cardiology (Gold Medal), and the Interamerican Society of Cardiology (Research Achievement Award). In addition, in May 2014, King Juan Carlos I of Spain granted Dr. Fuster with the title of Marquis for his "outstanding and unceasing

research efforts and his educational outreach work". In 2022, the American College of Cardiology instituted the Valentin Fuster Award in Science and Innovation for the next 15 years. Finally, in 2023, Mount Sinai renamed Mount Sinai Heart as “Mount Sinai Fuster Heart Hospital” in his honor.

**Thomas Geramita, PA-C**

Thomas Geramita began his career as a Senior Physician Assistant (PA) in the department of Electrophysiology at the Mount Sinai Hospital in October 2019. During his time as a Senior PA, he began to develop process improvement and improvement initiatives which led to an interest in leadership and an eventual promotion as the Advanced Practice provider (APP) supervisor at Mount Sinai Heart. As the APP supervisor he led quality initiatives, standardized orientation and initiated an APP focused cardiac educational lecture series which resulted in a promotion to an Associate Director of Clinical Operations. As Associate Director, Thomas directs, oversees, and coordinates all administrative and clinical operations for the Cardiac Catheterization Laboratory and Advanced Practice Providers of Mount Sinai Heart.

**C. Michael Gibson, MD, MS, FACC, FSCAI**

C. Michael Gibson, M.S., M.D. is an interventional cardiologist, cardiovascular researcher & educator. He is the CEO of the combined non-profit Baim and PERFUSE research institutes at Harvard Medical School. The institutes have led over 1,250 studies, published 5,500 manuscripts in the peer review literature (including 144 in the New England Journal) and have led 60 FDA submissions from their network of 7,000 sites worldwide. Since 2014 Gibson has consistently been ranked as one of the world's most highly cited authors in all of science by Thomson Reuters. In 2021, he was named one of the Fifty of the Most Influential Voices in Healthcare by Medika Life. His work has been cited over 165,000 times.

Gibson has led phase 1-4 clinical trials, and cardiology megatrials of over 34,000 patients which eventuate in international approval of drugs like prasugrel, rivaroxaban and betrixaban. For years, Gibson has been chosen as one of Boston's Top Doctors & U.S. News & World Report also lists Gibson as one of America's top doctors. Gibson invented measures of coronary blood flow that are widely used today (the TIMI frame count, the TIMI myocardial perfusion grade).

Dr. Gibson did his internship, residency and chief residency at the Brigham and Women's Hospital and his cardiology fellowship at the Beth Israel Deaconess Medical Center both at Harvard Medical School.

Gibson founded WikiDoc.org and WikiPatient.org, widely viewed open-source textbooks of medicine. He is Editor-In-Chief of >2,200 active contributors who have edited the content of over 100,000 chapters millions of times. Gibson also founded www.clinicaltrialresults.org and has conducted >2,600 TV / video interviews. Gibson has hundreds of thousands of followers on social media where he is a leading influencer.

**Annarose Gromelski, RN, CCRN**

Annarose Gromelski, RN, CCRN - Registered Nurse, Mount Sinai Hospital

**Amit Hooda, MD, FACC, FSCAI**

Dr. Amit Hooda is an Assistant Professor of Medicine and Cardiology at the Icahn School of Medicine at Mount Sinai, New York. He also serves as core faculty and Assistant Program Director for the Interventional Cardiology Fellowship Program. Dr. Hooda is actively involved in cardiovascular outcomes research, with a specialized focus on high-risk percutaneous coronary interventions utilizing coronary imaging and structural heart interventions. He serves as a Principal Investigator on the Elevate III Trial and as a co-investigator on multiple trials at his institution. In recognition of his clinical and academic excellence, he has been awarded the CRT Early Career Leader Scholarship for 2025 and SCAI's 30 in Their 30s Award 2025.

**Neethu James, MSN, RN**

Clinical Nurse Manager, Catheterization Laboratory. Neethu James joined The Mount Sinai Fuster Hospital Cardiac Catheterization Laboratory and EP Laboratory in September 2023 as Assistant Nurse Manager. She transitioned to her current role as nurse manager in January 2024.

**Ankur Kalra, MD, MSc**

Dr. Kalra is the Division Chief of Cardiology, interventional cardiologist, and associate professor of medicine at State University of New York, Upstate Medical University and Norton College of Medicine in Syracuse, NY. He is the founder of the non-profit startup, makeadent.org, a primary investigator at Krannert Cardiovascular Research Center, Indiana University School of Medicine, and director of Barry J. Maron Hypertrophic Cardiomyopathy Center in New Delhi, India. He is also the host of the award-winning, top-ranked cardiology podcast show, Parallax.

He has presented late-breaking science at national and international scientific cardiovascular meetings, and has published over 325 scientific manuscripts in various peer-reviewed journals. Prior appointments include interventional cardiologist, associate professor, and medical director of clinical research for regional cardiovascular medicine at the Cleveland Clinic.

His notable professional honors and awards include Sones-Favaloro Excellence in Research Award (Cleveland Clinic, 2020), Hospitals and Health Care Week Award for compassionate, safe and quality care (Franciscan Health, 2024), Champion in Global Cardiovascular Collaboration and Innovation (Bristol Myers Squibb, 2025), and Castle Connolly Top Doctors (2025, 2026).

**Jacob Kamen, PhD, CMLSO, CHP, NRRPT**

Dr. Kamen is the Senior Director of Radiation Safety and the Chief Radiation and Laser Safety Officer for the Mount Sinai Health System. He is also professor of Radiology at Mount Sinai. He was elected as the President of the Greater New York Chapter of Health Physics (GNYCHP) in 2004 and as the President of the GNYCHP Executive Council for 2010-2011.

Dr. Kamen completed his graduate work in the Nuclear Engineering program of Columbia University where he was elected as the President of the University Chapter of American Nuclear Society. He also spent several years at Brookhaven National Laboratory (BNL) working on BNCT and PGNA. He is a licensed Medical Physicist in Medical Health Physics and Medical Nuclear Physics. He is board certified by the American Board of Health Physics (ABHP) as well as the Board of Laser Safety (BLS).

Dr. Kamen has more than 30 years of experience in the field of Health Physics, at New York University Medical Center, Columbia University Medical Center, and Mount Sinai Medical

Center. He has had faculty appointments with Manhattan College, New York University, and presently is Professor of Radiology at Icahn School of Medicine at Mount Sinai.

Dr. Kamen received Health Physics Society (HPS) Fellow Award in 2017 and HPS Homeland Security Distinguished Service Award in 2023.

**Hyo Jin Kang, MSN, AGNP-C**

Hyo Jin Kang, MSN, AGNP-C, is Clinical Director of the Structural Heart Program at Mount Sinai Hospital.

Jin has started her nursing career in 2008 at Mount Sinai and joined Cath lab in 2012 as cath lab nurse and also worked as TAVR nurse. She then became a nurse practitioner and worked briefly as Cath Lab NP prior to transitioning to her role in TAVR program. Under her leadership, Mount Sinai TAVR program was the 1st in NYC to receive ACC TAVR Certification and recently was awarded with the ACC/STS TVT-Registry 3-star recognition in 2022 for exceptional outcomes.

**Vishal Kapur, MD, FACC, RPVI**

Dr. Vishal Kapur is a highly accomplished Interventional Cardiologist and Endovascular Specialist with extensive expertise in complex coronary and peripheral vascular interventions. He currently serves as an Associate Professor at Icahn School of Medicine, NYC. In addition, he is the Director of Endovascular Interventions at Mount Sinai Morningside, Associate Director of Endovascular Interventions at Mount Sinai Hospital and Assistant Director of Cardiac Cath Laboratory at Mt Sinai Hospital, NYC.

Board-certified in Internal Medicine, Cardiovascular Disease, Interventional Cardiology, Vascular Medicine, and Endovascular Medicine, Dr. Kapur also holds certification in Adult Comprehensive Echocardiography and the American Registry for Diagnostic Medical Sonography (ARDMS). He is licensed to practice in New York, New Jersey, Connecticut, and Texas.

Dr. Kapur is a Fellow of the American College of Cardiology (FACC) and the Society for Cardiovascular Angiography and Interventions (FSCAI). He has been recognized for his clinical excellence as a recipient of Castle Connolly Top Doctors and New York Best Doctors honors, Marquis Whose' Who Ward, Association of Indians in America (AIA)

Endovascular Specialist Award to name a few. He has been invited to NYC Mayors house multiple times to be a part of the cultural meet and greet among the physician community.

An active academician and thought leader, Dr. Kapur has authored numerous peer-reviewed publications and book chapters, with his work published in leading journals such as Journal of the American College of Cardiology (JACC), JACC: Cardiovascular Interventions, Journal of Vascular Surgery (JVS), Journal of Vascular and Endovascular Therapy, and Circulation: Cardiovascular Interventions. He has served as a Principal Investigator and co-investigator in multiple clinical trials, contributing significantly to advancements in cardiovascular and endovascular therapies.

Dr. Kapur has been invited faculty at major international meetings including Transcatheter Cardiovascular Therapeutics (TCT), Vascular Interventional Advances (VIVA), Society for Cardiovascular Angiography and Interventions (SCAI), New York Endovascular Summit (NYEVS), Amputation Prevention Symposium (AMP), ARCH, Complex Coronary Cases Symposium (CCC), and Heart2Heart, among others. At these forums, he has served as a session moderator, performed live cases, led panel discussions, and provided expert opinions.

Dr. Vishal Kapur remains deeply committed to advancing the field of cardiology through innovation, research, and education, while delivering the highest standard of patient-centered care.

**Upendra Kaul, MD**

Prof Upendra Kaul is a Cardiologist born in Kashmir. He is currently Chairman and Dean Academics and Clinical Research, Batra Hospital and Medical Research Centre, New Delhi.

He is known for starting the coronary angioplasty program in India. He has been on the faculty of G B Pant Hospital, PGIMER Chandigarh and AIIMS, New Delhi where he was a professor of cardiology. He is the Founder Director of Gauri Kaul Foundation, a nonprofit NGO with a mission of “No Heart Attacks”. Through this NGO he has established Tele Cardiology units in remote areas of Jammu and Kashmir, and day care heart centers “Gauri Heart Centre, Srinagar and Prasad Joo Khan Heart Centre, in village Hawal, Pulwama and a “Cardiac Clinics on wheels for remote areas of South Kashmir.

Prof Kaul has trained more than 400 cardiologists and has more than 400 publications and has authored many books including his memoirs “When the Heart Speaks”. He has held the posts of President of “Cardiological Society of India “and SAARC Cardiac Society. He is

also a founder member of the Asia Pacific Society of Interventional Cardiology and Interventional Cardiology Foundation of India. Currently he is the Editor in Chief of the Journal ASIAINERVENTIONS and Joint editor of EUROINTERVENTION. For his contributions Prof Kaul has been awarded several awards which include Lifetime Achievement award of the Indian Society of Clinical Research, the Padma Shri and Dr B C Roy Awards by the President of India.

**Sahil Khera, MD, MPH, FACP, FACC, FSCAI**

Dr. Sahil Khera is a board certified interventional and general cardiologist with vast experience in complex coronary and structural heart disease interventions. He is currently Assistant Professor of Medicine and Interventional Director of the Structural Heart Program and Quality Lead for Structural Heart Diseases at Mount Sinai Hospital, New York. In addition, he also serves as the Associate Director for the Structural Heart Disease Fellowship Program and the Director of the ADS Inpatient Telemetry Service. His clinical areas of interest are complex coronary interventions, transcatheter aortic valve replacement, transcatheter mitral valve repair and replacement, atrial septal defect closure, patent foramen ovale closure, paravalvular leak closure and left atrial appendage closure. In addition, he is actively involved in cardiovascular outcomes research and has authored or co-authored >100 peer-reviewed articles.

**Annapoorna S. Kini, MD, MRCP, FACC**

Annapoorna Kini, MD, MRCP, FACC is an endowed Zena and Michael A Wiener Professor of Medicine, Director of Cardiac Catheterization Laboratory at The Mount Sinai Medical Center, Program Director of Interventional Cardiology Fellowship and Director of Structural Heart Intervention Program. Dr. Kini is an international leader in the field of percutaneous coronary intervention and heart valve therapy.

Dr. Kini is internationally acclaimed for her special expertise in performing complex and high-risk interventional cases especially in chronic total occlusion, calcific and bifurcation lesions. She has an extensive experience with the techniques of mitral, aortic balloon valvuloplasty. She has been among the first interventionalist to use TAVR implantation and performs MitralClip procedures.

Dr. Kini is a high-volume operator, with an extremely low complication rate of less than 0.3 percent; an official report from The Department of Health recognized Dr. Kini as the safest operator among 350 other physicians in the state of New York numerous times.

She is the recipient of 2011 Dean's Award for Excellence in Clinical Medicine at The Mount Sinai Medical Center. Physician of the year award in 2014 by the Mount Sinai Hospital nurses. Excellence in Medicine Award by the National Association of Physicians of India (AAPI) in July 2016. She received the prestigious, Ellis Island Medal of Honor in May 2017, which is the highest award given to any immigrant civilian. She is the recipient of AHA “The Heart of Gold Award”, June 2018 and Jacobi Medallion Award 2019 for Breakthroughs in Clinical Care.

**John M. Lasala, MD, PhD, FACC, MSCAI**

John M. Lasala, M.D., Ph.D., FACC, MSCAI is a Professor of Medicine, and Director of the Structural Heart Disease Program at Washington University School of Medicine in St. Louis, Missouri. Dr. Lasala received his Ph.D. from St. Louis University in biochemistry and his medical degree from the University of Connecticut. He completed an internship and residency in internal medicine at Barnes-Jewish Hospital, Washington University School of Medicine. Following completion of residency, he completed a fellowship in cardiology and interventional cardiology at Yale University School of Medicine. He is a member of the American College of Cardiology and the American Heart Association, and is a Master fellow of the Society for Cardiac Angiography and Interventions.

Dr. Lasala has written numerous abstracts, reviews and articles for such journals as American Journal of Cardiology, Catheterization and Cardiovascular Interventions and Journal of the American College of Cardiology and Circulation. He has lectured internationally on Interventional Cardiology, and his honors include the Outstanding Cardiology Alumnus Award from Yale University School of Medicine, the American Heart Association Hugh McCulloch Award and the University of Miami Lifetime Achievement award. He is also a recent recipient of the ARCH foundation Lifetime Achievement Award.

**Roxana Mehran, MD, FACC, FACP, FCCP, FESC, FAHA, MSCAI**

Director, The Women’s Heart and Vascular Center at Mount Sinai Fuster Heart Hospital
Director, Center for Interventional Cardiovascular Research and Clinical Trials
Endowed Mount Sinai Professor in Cardiovascular Clinical Research and Outcomes

Professor of Medicine (Cardiology)
Professor of Population Health Science and Policy
Icahn School of Medicine at Mount Sinai
President, American College of Cardiology 2026-2027

**Clinical Interests:**
Interventional Cardiology
Cardiovascular Disease in Women
Antithrombotic Therapy
Percutaneous Coronary intervention
Contrast-Induced Acute Kidney Injury (AKI)
Cardiometabolic Health
Primary and Secondary prevention for cardiovascular events
Clinical Trial design cardiovascular medicine
Population health outcomes
Disparities in care of vulnerable patients
Personalized Medicine/Risk scores

Roxana Mehran, MD, is an internationally renowned interventional cardiologist, clinical research expert, and trialist in the field of cardiovascular disease. She is among the most prolific researchers in the United States and is a globally respected leader of an academic research center focused on designing and implementing randomized clinical trials, outcomes research projects, and high-impact academic publications. She has focused on personalized medicine and developed individual risk scores for bleeding and acute kidney injury, and she regularly contributes to the development of clinical guidelines. With over 3,000 publications, she has been listed by Clarivate Analytics among the Most Cited Researchers – Top 1% and The World's Most Influential Scientific Minds (Thomson Reuters) for the past ten consecutive years, ranking among the top 50 researchers worldwide.

Dr. Mehran currently serves as President (2026–2027) of the American College of Cardiology and leads The Lancet Commission on Women's Cardiovascular Diseases, which aims to bridge gaps in scientific discovery, clinical trials, and care for women with cardiovascular disease. She is Director of the Women's Heart and Vascular Center at Mount Sinai Heart, spearheading a program designed to meet the unique needs of women's cardiovascular health. She also founded Women as One, a not-for-profit organization dedicated to advancing opportunities for women in medicine.

Dr. Mehran is the recipient of numerous honors, including the Ellis Island Medal of Honor; the European Society of Cardiology (ESC) Silver Medal; the ESC Andreas Grüntzig Lecture

Plaque; the Women in Cardiology Mentoring Award; the CRF Pulse-Setter Champion Award; the Jacobi Medallion from the Icahn School of Medicine at Mount Sinai; the ESC Gold Medal (2025); the AHA Laennec Master Clinician Award (2025); and, most recently, the PCR Andreas Grüntzig Ethica Award (2026).

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**Sameer Mehta, MD, FACC, MBA**

Sameer Mehta, MD, FACC, MBA, is a U.S. interventional cardiologist who has presaged a new medical specialty of the STEMI Interventionist with his innovative work in performing angioplasty for treating heart attacks. Dr. Mehta has pioneered the development of population-based heart attack programs in several countries, including China, India, Brazil, Russia, Malaysia, Indonesia, Cambodia, Myanmar, Bangladesh, Egypt, Thailand, Puerto Rico, Mexico, and Colombia. Dr. Mehta is the Chairman of the Lumen Foundation and Course Director of Lumen Global, the iconic AMI meeting, now in its 16th year, and an international rendezvous of STEMI thought leaders and a powerhouse of generating protocols that improve STEMI care in low and middle-income countries.

Dr. Mehta has extensively published about improving STEMI outcomes by optimizing procedural techniques and refining the STEMI process. More recently, Dr. Mehta's research and training endeavors in AMI care have involved using telemedicine and Artificial Intelligence to reduce care disparities between developed and developing countries and to increase access to urgent treatment for AMI.

Dr. Sameer Mehta is a past Chief of Interventional Cardiology at Cedars Medical Center, a past President of the American Heart Association in S. Florida, a past Chairman of Research at Miami Heart Institute, and a Rotary Scholar. He is a Fellow of the American College of Cardiology, an Emeritus Fellow of the Asia Pacific Society of Cardiology, and a Cardiology Society of India Fellow.

**Parasuram Melarcode Krishnamoorthy, MD, FACC, FSCAI**

Dr. Parasuram Melarcode Krishnamoorthy is the Director of the Structural Heart Program and Program Director of the Interventional Cardiology Fellowship Program at the University of Oklahoma Health Sciences Center.

Prior to moving to Oklahoma, Dr. Krishnamoorthy was Associate Director of Structural Heart Program at the Mount Sinai Fuster Heart Hospital and an Assistant Professor at the Icahn School of Medicine at Mount Sinai. He served as the Medical Director of Cardiac Catheterization Laboratory at the Brooklyn Hospital Center and Associate Program Director of the Mount Sinai Brooklyn Cardiology Fellowship training program.

Dr. Krishnamoorthy is an interventional cardiologist with specialized clinical focus in complex percutaneous coronary interventions and structural heart interventions, particularly transcatheter aortic (TAVR), mitral (TMVR, M-TEER), and tricuspid valve (TTVR, T-TEER) therapies and ASD/PFO closure. He is actively involved in clinical research and has published over 125 peer-reviewed manuscripts, abstracts and book chapters. He is a regularly invited faculty and guest lecturer at national and international conferences.

**Pedro R. Moreno, MD, FACC**

Dr. Pedro R. Moreno is currently a Professor in Cardiology and Director of Quality Services at Mount Sinai Hospital in New York. Dr. Moreno is also Director for Academic Promotions in Cardiology for the Mount Sinai Hospital.

Trained at Harvard Medical School (Massachusetts General Hospital and Brigham and Women's Hospital), Dr. Moreno is a world-renowned expert in atherosclerosis, Dr. Moreno is a pioneer in the understanding of inflammation and acute coronary syndromes. Dr. Moreno described for the first time the role of macrophages in ACS. Dr. Moreno identified the correlation between macrophages and tissue factor, a membrane-bound protein responsible for the activation of coagulation in vivo. His work in restenosis established the link between inflammation and smooth muscle cell proliferation in-vivo, allowing for the development of DES. His work using near-infrared spectroscopy is as a major advance in the elusive field of percutaneous coronary plaque characterization. Experimentally, Dr. Moreno was the first in evaluating DES as a potential treatment for vulnerable plaques.

Dr. Moreno is section editor of JACC, and Circulation Cardiovascular Interventions and the AHA annual scientific sessions organizing committee. Finally, Dr. Moreno is an excellent teacher and a mentor at the Mount Sinai Hospital in New York City.

**William Nicholson, MD**

Dr. Nicholson is acting Professor of Medicine at Emory University School of Medicine and Director of Complex Coronary and Cardiac Intervention at Emory Healthcare. Dr. Nicholson

also serves as the program director for the Advanced Complex High-Risk Interventional Procedures (CHIP) fellowship at Emory Healthcare.

While proficient in the spectrum of interventional cardiology procedures, Dr. Nicholson is nationally and internationally recognized for his expertise in the treatment of Chronic Total Occlusions (CTO's). He has been a regional or national host for over 120 training courses, personally educating more than 500 practicing interventional cardiologists in complex procedures. He has extensive publications in the field of complex coronary intervention and is a perennial live invited operator for national conferences such as Transcatheter Cardiovascular Therapeutics (TCT) and CTO Summit.

**Nicole L. Norman, RN**

Nicole L. Norman, RN Registered Nurse, The Mount Sinai Hospital, New York, NY

**Beth Oliver, DNP, RN, FAAN**

Dr. Beth Oliver is responsible for the practice of nursing across the Health System and collaborates with the senior executive team as well as Chief Nursing Officers throughout Mount Sinai. A nationally recognized cardiovascular leader, Dr. Oliver has fostered and supported evidence based, patient-centered care throughout her career. As Chief Nursing Executive, her top priorities are ensuring the safety and quality of care for our patients, supporting and advancing the professional development of our nurses, transforming the care we provide around the needs of our patients and communities, and partnering on our transition from volume to value. For more than 28 years, Dr. Oliver has been a transformational cardiac nurse leader at Mount Sinai, most recently serving as Senior Vice President of Cardiac Services for the Health System, in which she led cardiovascular service line strategy and operations for the Health System while also being responsible for ensuring the delivery of quality care to Mount Sinai Heart patients. Dr. Oliver received her MS from Columbia University and her DNP from Case Western Reserve University. Dr. Oliver's recent accolades include the 2025 PACE Changemaker in Healthcare Award and the 2025 Healthcare Leaders of New York (HLNY) Senior-Level Healthcare Executive Award. She was also named the inaugural Edgar M. Cullman, Sr., Chair of the Department of Nursing at the Icahn School of Medicine at Mount Sinai, a role through which she continues to advance nursing science, education, and practice in both academic and clinical domains.

**Bhavanadhar Penta, MD FACC FSCAI**

Dr. Bhavanadhar Penta joined Mount Sinai Fuster Heart Hospital at The Mount Sinai Hospital, on August 1, 2025 is an Assistant Professor of Medicine (Cardiology) and Associate Director of Structural Heart Disease Interventions at Mount Sinai Fuster Heart Hospital. He is an interventional cardiologist specializing in structural heart disease and complex coronary interventions. Dr. Penta completed fellowships in Structural Heart Disease and Complex High-Risk Coronary Interventions at Mount Sinai, where he trained under global leaders in cardiovascular innovation. He earned his medical degree from Osmania Medical College, Hyderabad India and was the best outgoing student of his class with multiple gold medals. His clinical expertise includes transcatheter valve therapies (TAVR, TEER, TTVR), left atrial appendage occlusion, high-risk PCI, and mechanical circulatory support. He has authored multiple peer-reviewed articles and book chapters. He has presented original research and complex case work at major cardiology conferences such as TCT, ACC, CRT, and the NY Valves.

Dr. Penta is a Fellow of the American College of Cardiology (FACC) and Fellow of the Society for Cardiovascular Angiography and Interventions (FSCAI). He is a dedicated educator and advocate, currently serving on the Advocacy and Diversity, Equity, & Inclusion Committees for the New York State Chapter of the American College of Cardiology and the Broadening Opportunity, Leadership, and Delivery of Patient Care (BOLD) Committee of the Society for Cardiovascular Angiography and Interventions (SCAI). Dr. Penta has received several teaching and research awards, including the recent SCAI 30 in Their 30s.

In addition to his clinical and research roles, Dr. Penta is passionate about education and mentorship. He has trained numerous residents, fellows, and medical students in both India and the U.S.

**Derek A. Pineda, FNP, CCRN, RCIS, FACC**

Derek is a Nurse Practitioner specializing in interventional cardiology, bringing extensive experience from performing and assisting in thousands of complex cardiac catheterization procedures. Passionate about digital transformation, he actively contributes to the development and implementation of innovative healthcare technologies, particularly AI-driven solutions aimed at optimizing clinical workflows and enhancing patient outcomes. His work bridges clinical excellence and technological innovation, empowering clinicians to deliver more efficient, data-driven, and patient-centered care.

**Sean P. Pinney, MD, FACC, FAST, FHFSA**

Sean Pinney, MD, is Professor of Medicine (Cardiology), the Philip J. and Harriet L. Goodhart Chair of Cardiology, and Associate Director of the Cardiovascular Clinical Institute at Mount Sinai Morningside.

Dr. Pinney is an active clinical researcher who has led trials in the areas of heart failure, cardiac transplantation, and mechanical circulatory support. He serves on the editorial boards of the Journal of the American College of Cardiology, JACC Heart Failure, the Journal of Heart & Lung Transplantation and the Journal of Cardiac Failure. He served on the American Society of Transplantation Board of Directors, Chairs the Georgetown Medical Alumni Board, and is past President of the New York Cardiothoracic Transplant Consortium.

Dr. Pinney first joined the faculty of the Icahn School of Medicine at Mount Sinai in 2004, where he directed the Advanced Heart Failure and Cardiac Transplant Program. In 2020, he moved to the University of Chicago, where he served as Co-Director of the Heart and Vascular Center, Director of Heart Failure and Transplantation, and Director of Clinical and Translational Research before returning Mount Sinai in 2023.

He is the recipient of several awards, including the Pharmacology Research Award from Georgetown University, the Cardiology Fellowship Research Award from Columbia University, the Young Investigator Award from the New York Cardiological Society and the New York Chapter of the American College of Cardiology, and the Simon Dack Award from Mount Sinai. In 2021, he was named a Senior Faculty Scholar at the Bucksbaum Institute for Clinical Excellence at the University of Chicago Medicine.

Dr. Pinney attended Georgetown University, where he received both his undergraduate and medical degrees. He completed his residency training at Boston's Beth Israel Deaconess Medical Center and fellowships in cardiology, heart failure, and transplantation at Columbia University.

**Catherine Popik, PA-C**

Catherine Popik, PA-C, Interventional Cardiology and Endovascular PA, Mount Sinai Hospital

**Surujpaul Premraj**

Surujpaul Premraj, originally from Guyana, South Africa, has been serving at Mount Sinai Hospital for the past 23 years. Paul, as he is known in the Cath Lab, is currently a Patient Care Associate and resides in Queens, New York.

**Arthur B. Reitman, MD, FACC**

Arthur Reitman, MD FACC serves as the Chief Cardiology Officer, WellStar Health System in Marietta GA. Dr Reitman is the Past Governor, GA Chapter of the American College of Cardiology, practicing complex interventional cardiology. A native of New Orleans, Dr. Reitman graduated from Washington University in St. Louis, and earned his medical degree from the New Orleans branch of Louisiana State University School of Medicine. After completing his internal medicine internship and residency at Tufts Affiliated Hospitals, he went on to a Cardiovascular Disease fellowship at Brown University, Providence, R.I.

Dr. Reitman completed an Interventional Cardiology Fellowship at The Mount Sinai School of Medicine in New York City in 2002 and is board certified in Interventional Cardiology.

Special interests include complex coronary atherosclerotic disease, including atherectomy devices, novel antiplatelet therapeutics, and mechanical circulatory support.

Professional societies include American College of Physicians, American College of Cardiology, and Georgia Chapter serving as the immediate past governor of the organization.

Dr. Reitman is currently on staff at Wellstar Health System.

**Paul M. Ridker, MD, MPH**

Paul M. Ridker, MD, MPH serves as the Eugene Braunwald Professor of Medicine at the Harvard Medical School and directs the Center for Cardiovascular Disease Prevention at the Brigham and Women's Hospital in Boston Massachusetts.

Over a 30-year period, Dr. Ridker and his collaborators provided the first proof-of-principle for the inflammation hypothesis of atherothrombosis in humans; the first demonstration that statin therapy is both lipid-lowering and anti-inflammatory; the first FDA-approved diagnostic test for vascular inflammation (hsCRP); the first proven anti-inflammatory treatment for heart disease (canakinumab); and brought into clinical practice worldwide

the concept of “residual inflammatory risk”. On multiple occasions Dr. Ridker’s work has altered clinical guidelines for the diagnosis, treatment, and prevention of atherosclerotic disease – the most common cause of death on a global basis. As a direct consequence of this work, multiple novel anti-inflammatory agents targeting interrelated aspects of heart disease ranging from chronic atherosclerosis to acute ischemia to congestive heart failure are under development at nearly all major pharmaceutical companies worldwide.

Dr. Ridker is additionally known for his leadership of over 15 major multi-national randomized clinical trials including PREVENT, JUPITER, SPIRE-1, SPIRE-2, CANTOS, CIRT, PROMINENT, the ongoing ATRIUM trial (addressing abatacept for immune checkpoint inhibitor myocarditis), and the ongoing ZEUS and HERMES trials (addressing IL-6 inhibition to reduce vascular event rates in the settings of chronic kidney disease and heart failure).

Continuously funded by the NIH and the recipient of multiple honorary degrees, Dr. Ridker is a Distinguished Scientist of the American Heart Association and an elected member of the National Academy of Medicine.

Recent international awards include the Antonio Gotto Prize in Atherosclerotic Research (2022); the Hugh Sinclair Award from the British Atherosclerosis Society (2023); the Akiro Endo Award from the International Atherosclerosis Society (2024); and the Anitschkow Award from the European Atherosclerosis Society (2025)

**Ryan Santiago, RN**

Ryan Santiago, RN is a graduate of the Hunter-Bellevue School of Nursing in New York. He has been working in the Mount Sinai Hospital Cardiac Catheterization Lab for 10 years, and in the intensive care unit 7 years prior.

**Gregory Serrao, MD, MSE**

Dr. Gregory Serrao joined Mount Sinai Heart and the Zena and Michael A. Wiener Cardiovascular Institute is an Assistant Professor of Medicine and Director of Mechanical Circulatory Support for the Cardiac Cath Lab. He earned a Bachelor’s of Science in Engineering at The Cooper Union for Advancement in Science and Art and a Master’s of Science in Biomedical Engineering at Columbia University FU School of Engineering. He then completed medical school at Mount Sinai School of Medicine where he graduated with Distinction in Research for his work in cardiac tissue engineering. Dr. Serrao completed his internal medicine residency at Columbia University’s NY Presbyterian

Hospital. He then completed general cardiology fellowship at Mount Sinai, where he served as chief fellow in his final year, and continued on to an interventional cardiology fellowship at Mount Sinai, where he also served as chief fellow. Dr. Serrao is board certified in Internal Medicine, Cardiovascular Disease and Interventional Cardiology.

Dr. Serrao is an expert in the management of critically ill patients and specializes in the implantation and management of percutaneous mechanical support for cardiac arrest, cardiogenic shock, pulmonary embolism and respiratory failure. He works as a key member of the Mount Sinai Heart Shock Team.

**Raman Sharma, MD, FACC, RPVI**

Dr. Raman Sharma is the Assistant Director of Endovascular Intervention Program and Assistant Professor of Medicine, Division of Cardiology at the Mount Sinai Hospital and the Mount Sinai Heart, Zena and Michael A. Wiener Cardiovascular Institute. Dr. Sharma earned his medical degree from the Icahn School of Medicine at Mount Sinai in New York City. He completed his residency in Internal Medicine at the Icahn School of Medicine at Mount Sinai, where he also completed his General Cardiovascular Disease Fellowship in the following years. Dr. Sharma continued his advanced training in Intervention Cardiology, where he served as the Chief Fellow. He finished his training at the Icahn School of Medicine at Mount Sinai with an additional advanced fellowship in Endovascular Interventions.

Dr. Sharma is both an Interventional and Endovascular Cardiologist with specialized focuses in complex percutaneous coronary interventions and peripheral arterial and venous disease, particularly with aortoiliac, lower extremity, carotid and renal revascularization. He is actively involved in clinical research and has numerous co-authored peer-reviewed manuscripts, abstracts, book chapters, in addition to national and international conference presentations. He is interested in outcomes research, particularly the role of antiplatelet and direct oral anticoagulants in improving outcomes for peripheral artery revascularization.

**Samin K. Sharma, MD, FACC, MSCAI**

Dr. Samin K. Sharma is the Director, Mount Sinai Cardiovascular Clinical Institute, Director of Interventional Cardiology at The Mount Sinai Health System, the President of the Mount Sinai Heart Network and The Anandi Lal Sharma Professor of Medicine in Cardiology. He is

a renowned interventional cardiology expert, well known for performing high-risk complex coronary interventions (more than 1,500 interventions per year) with an extremely high success rate (greater than 99 percent) while achieving an extremely low complication rate (less than 0.2 percent major complication). He has received the prestigious two-star designation (significantly lower than expected mortality) numerous times by the New York State Department of Health. Under Dr. Sharma's leadership, The Mount Sinai Hospital Cardiac Catheterization Laboratory has become one of the safest and busiest centers in New York, providing state-of-the-art cardiac and interventional care for all types of simple and complex heart patients. In addition to coronary interventions, Dr. Sharma also specializes in TAVR and MitraClip procedures. He has been dubbed "master of Rotablator" and is regularly featured on national and local TV and in newspapers & magazines.

**Jasvindar Singh, MD, FACC, FSCAI**

Dr. Singh is a Professor of Medicine and Section Head of Interventional and Structural Cardiology at Washington University School of Medicine in St. Louis. Missouri. He specializes in coronary and peripheral vascular interventional procedures and spends most of his time in the cardiac catheterization laboratory. His expertise is in complex coronary intervention and also the endovascular treatment of renovascular hypertension, and peripheral arterial occlusive diseases. In addition, he has been involved in research ranging from new coronary devices to intravascular ultrasound and pressure/flow assessment of coronary vessels.

He is the Principal Investigator in several high-profile multicenter trials evaluating the above.

He is actively involved in resident/fellow education and rotates in the coronary care unit twice a year. He has two interventional fellows per year who work closely with him during their training, he also serves as their attending in ½ day in patient clinic. He has second- and third-year cardiology fellows involved in clinical research protocols in the cath lab and their work has produced three instrumental abstracts/papers which in the first 12 months were presented at major cardiovascular society meetings. Dr. Singh is also the Chairman of ARCH, one of the largest Midwest Interventional Symposium.

**Gregg W. Stone, MD, FACC, MSCAI**

Gregg W. Stone, MD, FACC, MSCAI is an interventional cardiologist and Director of Academic Affairs for the Mount Sinai Heart Health System and Professor of Medicine (Cardiology) and Professor of Population Health Sciences and Policy at the Icahn School of Medicine at Mount Sinai in New York, NY. Dr. Stone has served as the principal investigator or chair for more than 150 national and international multicenter randomized trials and studies (many of which have led to new device approvals or indications in the US), has authored more than 3000 peer-reviewed manuscripts and abstracts, and has delivered thousands of invited lectures around the world. With an H-index of 217, Dr. Stone has been recognized in Nature Medicine as one of the most prolific authors in science, and by the Web of Science as among the top 0.01% of cited researchers in science.

Dr. Stone was the director of Transcatheter Cardiovascular Therapeutics (TCT) from 1998-2021, the world's largest symposium devoted to interventional cardiology and vascular medicine. Dr. Stone founded the annual National Interventional Cardiology Fellow's Course, Transcatheter Valve Therapies (TVT) and the CTO Summit, and currently or in the past has co-directed meetings in the US, China, Russia, Europe, S. Korea and elsewhere.

Prior to joining the Mount Sinai Heart Health System in 2019, Dr. Stone was Professor of Medicine and Director of Cardiovascular Research and Education for the Center for Interventional Vascular Therapy at Columbia University Medical Center and NY Presbyterian Hospital, NY. Previous to this Dr. Stone held similar positions at Lenox Hill Hospital, NY, NY and the Washington Hospital Center in Washington, DC, and is past Chairman of the Cardiovascular Research Foundation. Previously he was the Director of Interventional Cardiology at the Cardiovascular Institute at El Camino Hospital and Stanford University Medical Center in California.

**Joseph M. Sweeny, MD, FACC**

Since 2009, Dr. Sweeny has been a leading interventional cardiologist at the world-renowned Cardiac Catheterization Laboratory of Mount Sinai and Associate Professor of Medicine, Cardiology, at Icahn School Medicine at Mount Sinai where he serves as the Medical Director of the Lauder Family Cardiovascular Ambulatory Center of Mount Sinai Heart at The Mount Sinai Hospital.

Dr. Sweeny specializes in patient care, education and research in the field of interventional cardiology in particular in the areas of coronary imaging as well as coronary microvascular disease. He is an Assistant Editor for The Journal of the American College of Cardiology and

serves as the Associate Program Director of the Interventional Cardiology Fellowship Program.

Dr. Sweeny first joined Mount Sinai in 2005 as a fellow in cardiology where he served as Chief Cardiology Fellow, and later completed a fellowship in interventional cardiology at Mount Sinai.

Prior to joining Mount Sinai, Dr. Sweeny completed his internal medicine residency at The Hospital of the University of Pennsylvania where he also served as the Chief Medical Resident. Dr. Sweeny graduated Magna Cum Laude from the Georgetown University School of Medicine where he was also elected AOA.

**Paul Teirstein, MD, FACC, MSCAI**

Dr. Paul Teirstein is the Chief of Cardiology and Director of Interventional Cardiology for Scripps Clinic and Director of the Scripps Prebys Cardiovascular Institute for Scripps Health. He received training at The Mount Sinai School of Medicine, The Brigham and Women's Hospital, Stanford University, the Mid-America Heart Institute and the National Institutes of Health, Dr. Teirstein joined Scripps in 1987 and is the founder and director of the interventional cardiology training program at Scripps Clinic.

With a primary focus on complex coronary interventions and new technology development, Dr. Teirstein has played an active role in the initial development and clinical investigation of coronary stent procedures, rotational atherectomy, coronary angioscopy, Impella cardiac support and the utilization of extracorporeal membrane oxygenation (ECMO). Dr. Teirstein pioneered the first effective treatment for restenosis (low dose radiation therapy) and was one of the early investigators of drug eluting and bioabsorbable stents. Recent areas of investigation include new technology for minimally invasive transcatheter aortic valve replacement (TAVR).

The author of numerous publications, Dr. Teirstein has lectured throughout the world on state-of-the-art interventional cardiology techniques. He is an internationally recognized leader in cardiology and has received countless awards for both research and clinical excellence. Dr. Teirstein currently performs in 1000 coronary and structural interventional procedures per year and maintains an active clinical research and teaching unit at Scripps Clinic where he strives to offer patients the most advanced cardiovascular care available worldwide.

He is also a member of multiple professional societies including the American Heart Association, the Society of Cardiac Angiography and Interventions and is a fellow of the

American College of Cardiology. In 2014 Dr. Teirstein founded the National Board of Physicians and Surgeons (NBPAS), a not-for-profit organization providing an alternative pathway for physician certification that ensures compliance with national standards and promotes lifelong learning (NBPAS.org).

**Muthiah Vaduganathan, MD, MPH**

Muthiah Vaduganathan, MD MPH FACC FHFA is a cardiologist and clinical trialist at Brigham and Women's Hospital and Harvard Medical School. He is co-director of the Center for Cardiometabolic Implementation Science at Brigham and Women's Hospital. He serves as an Associate Editor of JACC and as US national ambassador to the ESC Heart Failure Association. He co-hosts the "Don't Miss a Beat" podcast on clinical trials and is the Editor-in-Chief of Radcliffe Cardiology's Heart Failure Academy. His research focuses on drug development, clinical trials, and implementation of cardio-kidney-metabolic therapies. He has authored or co-authored more than 900 peer-reviewed publications and is recognized as a Clarivate Highly Cited Researcher. He participates on study leadership of ongoing advanced-phase trials in cardio-kidney-metabolism and heart failure.

**Andriy Vengrenyuk, MS**

Andriy is a senior data analyst at the Mount Sinai Hospital cardiac cath lab. Originally from an engineering background, he was brought on board in early 2019 to help with the multitude of digital educational and clinical initiatives. He was a key member in the process to deploy STEMIcathAID across multiple sites as well as the newer Sofiya AI patient calling initiative.

**Ron Waksman, MD, FACC, MSCAI**

Ron Waksman, MD, FACC, Associate Director, Division of Cardiology, MedStar Washington Hospital Center (MWHC) and Director of Cardiovascular Research and Advanced Education for the MedStar Heart and Vascular Institute at the MedStar Washington Hospital Center. With over 20 years of experience in leading edge medical technologies, Dr. Waksman is a world-renowned interventional cardiologist and is a highly sought after Principal Investigator for pre-clinical and clinical studies conducted in the United States

and abroad. Dr Waksman has performed over 5000 coronary interventions throughout his career.

His current research interests include brachytherapy for restenosis prevention bioabsorbable/ biodegradable stents, HDL therapy, intracoronary imaging, valvular heart disease and catheter-based treatment of renal denervation. Dr. Waksman has authored/co-authored more than 310 published manuscripts and over 230 abstracts. He is also the author/co-author of more than 20 book chapters and the editor/co-editor of six books in the field of cardiology. He serves as the Editor-in-Chief of the journal Cardiovascular Revascularization Medicine and is on the editorial boards of numerous prominent scientific journals such as the Journal of American College of Cardiology and the American Journal of Cardiology.

**Shira Wender, NP**

Shira Wender, Nurse Practitioner and NP for the Director of Structural Heart at Mount Sinai (Dr. Sahi Khera), specializing in transcatheter valve therapies and structural heart procedures.