



CORRIGAN MINEHAN HEART CENTER



A Pivotal Moment

At the Corrigan Minehan Heart Center, our goal is to optimize wellness.

We are on the cusp of a revolutionary new era of cardiovascular care—one that will allow us, in partnership with our patients, to develop a personalized prescription for health designed to respond and adapt to an individual's needs across their lifetime.

Each prescription will be based on a deep understanding of a patient's genetic and acquired risks, as well as their behavioral choices and overarching goals, to help guide strategies to prevent and treat disease. The Corrigan Minehan Heart Center's multidisciplinary teams will collaborate to build tools, advance technologies and pursue investigations that will allow us to better predict, prevent, diagnose, treat and rehabilitate individuals confronting cardiovascular disease.

At the Corrigan Minehan Heart Center, we are ready to lead the world in establishing a new gold standard of cardiovascular care by leveraging our culture of collaboration focused on the needs of the patient before us. This approach relies on a compassionate physician-patient relationship that provides every individual with the comfort and confidence that they will be supported at every stage of their health care journey.

Uniquely Positioned for Impact

The Corrigan Minehan Heart Center is home to faculty and staff with unrivaled expertise in cardiovascular research and care. Together we will catalyze the innovative spirit that drives them, by providing our team members with the space and resources to revolutionize how cardiac care is delivered here at Mass General and around the world. We will deliver these services in a healing environment, reducing the stress that comes with confronting disease.

The Corrigan Minehan Heart Center has long championed a multidisciplinary approach to delivering the best possible health options to our patients. This is more important than ever, as recent studies have shown that fighting inflammation integral to heart disease can also help prevent cancer, and that physical activity not only prevents heart disease but also reduces the risk of neurodegenerative diseases, including dementia. We also know that lifesaving immunotherapies that cure cancer can have adverse effects on the cardiovascular system. All these observations underscore the need for holistic, integrated care that includes a multidisciplinary team of experts seamlessly collaborating to achieve the best possible outcomes for our patients.

11

condition-specific programs that offer a multidisciplinary approach to diagnosis and treatment.

Bold Breakthroughs. Compassionate Care. Revolutionary Results.

This collaborative culture was never more evident than in the Mass General response to the COVID-19 pandemic. Heart Center teams have ably risen to the challenges presented, including cardiovascular side effects caused by the virus, leveraging their expertise with extracorporeal membrane oxygenation (ECMO) to treat the sickest COVID-19 patients while keeping our staff and other patients safe. Within the multidisciplinary teams already in place, there is fluid communication among providers that results in better outcomes for our patients.

Our relationship with our patients doesn't end with their discharge from the hospital. We strive to ensure patients can return to active lifestyles over the long term. We are committed to investing in patient-reported outcomes surveys to better understand our patients' goals of care and improve the alignment of our care with those desires. We will improve and expand our cardiovascular rehabilitation programs, tailoring them to the needs of the individual patient and their situation. We will partner with our patients, helping them achieve their optimal health and maintain it throughout their life.

We will create a model for other hospitals to emulate and share our approach with patients everywhere. We have led the way with our advances in mechanical cardiovascular assistance devices, less-invasive procedures for valve replacements and interdisciplinary approaches to complex aortic disease, as well as groundbreaking work to identify individuals at risk for atrial fibrillation, a growing concern among our aging population.

Our Vision

We will work closely with our patients to develop a personalized prescription for health across their lifetime.

Our challenge—and our opportunity—lies in creating an infrastructure and environment that affords the time and space to transform patient care into an experience that supports individuals not only during a medical crisis, but all the time, encouraging patients to participate in maintaining their health. We are determined to nurture discovery, enabling progress that occurs in the laboratory to move seamlessly into clinical research, engaging our patients in studies that will become the therapies that allow them to enjoy the highest-quality life. Central to our mission is educating the next generation of caregivers, a diverse cohort of individuals who reflect the wide-ranging population we care for and who will combine their compassionate delivery of care with a rigorous dedication to advancing health care through research and practice. We will bring this steadfast commitment to excellence into our communities, ensuring that everyone has access to the best possible patient care.

We need to make unprecedented investments across the Corrigan Minehan Heart Center to turn this vision into reality. Your partnership is crucial to our success.



JOIN US

Thank you for your interest in the Corrigan Minehan Heart Center at Mass General. We appreciate your thoughtful consideration at this pivotal moment. With the support of committed partners like you, we will think creatively and work collaboratively to develop tools and strategies that deliver the right treatments to the right patient at the right time.

FOR MORE INFORMATION on how you can support the priorities of the Corrigan Minehan Heart Center, please contact Jocelyn Meter at jmeter@mgh.harvard.edu or (617) 726-1305.



CORRIGAN MINEHAN HEART CENTER: OPPORTUNITIES TO INVEST



People

Educating Medical Trailblazers: Today we need to prepare clinicians for the technical, practical and interpersonal challenges of the new health care landscape, while also helping our patients become active participants in their health care. We are committed to supporting the best and the brightest, providing them with opportunities to contribute to and lead clinical research projects. Our funding priorities include:

- » **Transforming our training programs** to ensure every fellow, resident and faculty member is prepared to provide the most up-to-date treatment options at the bedside.
- » **Expanding our fellowship programs** to meet the growing complexity of the patients who seek care at the Corrigan Minehan Heart Center, with multidisciplinary fellowships.
- » **Investing in nursing** to prepare more nurses and nurse practitioners to care for patients who require coordinated, complex care, by providing them with advanced training. We will work closely with the Norman Knight Nursing Center for Clinical and Professional Development and the Yvonne L. Munn Center for Nursing Research to provide opportunities for cardiac nurses to advance their skills.

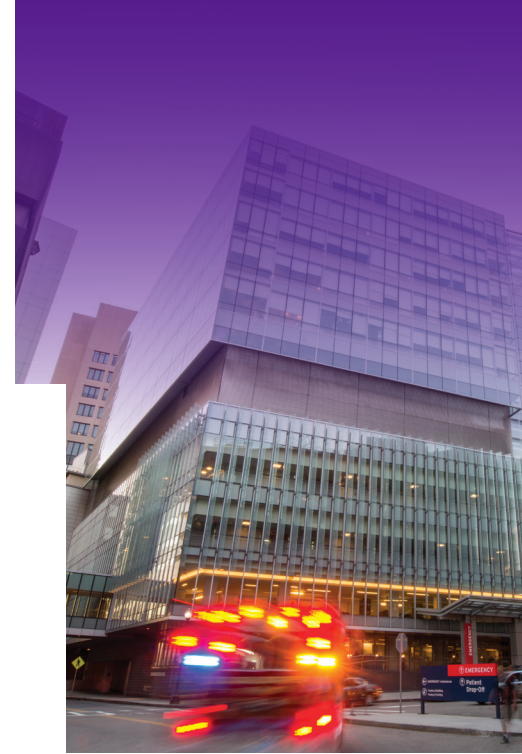
Infrastructure

Transforming Patient Care: The Corrigan Minehan Heart Center is home to faculty and staff with unrivaled expertise in cardiovascular research and care. Together we will catalyze the innovative spirit that drives them, by providing them with the space and resources to revolutionize how cardiac care is delivered here at Mass General and around the world. We will deliver this care in a healing environment, reducing the stress that comes with confronting disease. Our funding priorities include:

- » **Building a state-of-the-art clinical care facility.** Mass General has unveiled plans for a flagship facility where our patients will feel welcomed, comfortable, safe and supported. The opportunity to unite the Heart Center's teams within this new facility will build our capacity to seamlessly provide care, enhance the quality of that care and realize practice efficiencies that reduce costs.
- » **Relentlessly pursuing less invasive and more effective interventions** to ensure the best outcomes. Corrigan Minehan Heart Center clinician-researchers are at the forefront of the development of devices and techniques, from catheter-based interventions to expanding the pool of donors for heart transplants.



Bold Breakthroughs. Compassionate Care. Revolutionary Results.



- » **Expanding patient navigation** to assist with appointment coordination; to connect the patient and family to resources at the hospital and in their community; to help navigate the complexities and nuances of their journey; and to ensure the patient's values are respected and heard.

Programs

Breaking New Ground in Medical Research: More than one-third of our physicians are also scientists, who bring the challenges they encounter in the clinic into the laboratory for investigation, and return to the patient with solutions. Their ability to improve patient care relies on seed funding for innovative ideas, support for collaborative projects, biostatistical support and an infrastructure that assists with cumbersome regulatory processes. With the right resources, they will make breakthrough discoveries our patients, and patients everywhere, need. Our funding priorities include:

- » **Strengthening the Cardiovascular Research Center** to encourage the efforts of its pioneering investigators to understand how and why disease progresses at the molecular level. Genetic researchers are using artificial intelligence to measure more than 6.5 million markers for cardiovascular disease, obesity, depression and many other illnesses, creating a multipronged strategy to intervene before a disease can take hold.
- » **Expanding clinical research efforts** to create a seamless flow from the patient to the lab and back to the patient. Support will allow us to leverage our collective intellect within the Corrigan Minehan Heart Center and our partnerships with Harvard University and the Institute for Medical Engineering and Science at Massachusetts Institute of Technology.
- » **Leveraging new technologies to improve care:** Artificial intelligence and machine learning offer opportunities to analyze vast amounts of data to see patterns, screen individuals at risk, develop preventive strategies and identify the most effective interventions for a specific patient. We will bring together the expertise of engineers—biomedical, electrical and mechanical—to develop a new generation of tools and procedures built in response to the needs of our patients.
- » **Nurturing new ideas:** We are eager to provide more opportunities for our community of clinicians and scientists to collaborate across disciplines. We will develop an incubator program to help move the most exciting new discoveries from the bench to the bedside, by providing a range of support tailored to the innovator's needs—from engineering or medicinal chemistry expertise to business development guidance.

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