The University of Maryland Heart & Vascular Center seeks philanthropic support to recruit and retain outstanding cardiologists, surgeons and scientists, to provide training to the next generation of physicians, to advance novel research efforts, and to provide core support for training, programs, and education.

MULTIDISCIPLINARY PROGRAMS

At the University of Maryland Heart & Vascular Center, multidisciplinary comprehensive programs combine specialties from cardiology, cardiac and vascular surgery, pediatrics, gastroenterology, and other subspecialties, in collaboration with cutting-edge research and innovative technologies. Patients receive care from an integrated team of heart specialists, ensuring the most advanced, comprehensive, and effective care possible.

Our current specialized programs include:
- Advanced Heart Failure
- Aortic Disease
- Congenital Heart
- Coronary Disease Intervention
- General Cardiology
- Hypertrophic Cardiomyopathy
- Structural Heart Valve Disease
- Vascular Acute Care Services
- Pulmonary Embolectomy
- Limb Preservation
- Pediatric Cardiology
- Primary Embolization
- Structural Heart Valve Disease
- Transplant and ABO
- Vascular Anomaly Care Services

Philanthropy is critical to achieving the Heart & Vascular Center’s key research, educational, and clinical priorities. We invite you to read on to learn more about how your support will help.

philanthropic PRIORITIES

At the University of Maryland Heart & Vascular Center, philanthropy is critical to achieving our mission. The Center seeks philanthropic support to accelerate the advancement of care for patients, to recruit and retain outstanding cardiologists, surgeons and scientists, to provide training to the next generation of physicians, to advance novel research efforts, and to provide core support for training, programs, and education.

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- Advanced Heart Failure
- Aortic Disease
- Congenital Heart
- Coronary Disease Intervention
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OUR REQUEST

The University of Maryland School of Medicine • Office of Development • 31 S. Greene Street, 3rd Floor • Baltimore, MD 21201 • (410) 706-8503

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medschool.umaryland.edu
The University of Maryland Comprehensive Heart & Vascular Center (UMHC) is prepared to meet these challenges. As part of the University of Maryland School of Medicine and the University of Maryland Medical System, the UMHVC is a tertiary and quaternary center caring for the most complicated cardiac conditions. The UMHVC offers all aspects of patient care, collaborating with referring physicians across Maryland, to provide some of the most advanced care in the region.

Despite remarkable progress in prevention and treatment, cardiovascular diseases including heart attack, stroke, and peripheral vascular disease continue to claim nearly one million lives per year in the United States – more than half of all deaths among U.S. men and women. This figure represents twice the number of deaths from cancer, 10 times that from diabetes, and 16 times that from chronic obstructive pulmonary disease. Despite remarkable progress in prevention and treatment, cardiovascular diseases including heart attack, stroke, and peripheral vascular disease continue to claim nearly one million lives per year in the United States – more than half of all deaths among U.S. men and women. This figure represents twice the number of deaths from cancer, 10 times that from diabetes, and 16 times that from chronic obstructive pulmonary disease.

**Education:** While the UMHVC provides state-of-the-art, compassionate and optimal care for individuals with heart disease, its reach is limited to just those who receive direct care. As an academic center, as part of the faculty’s mission to prepare future generations of specialists, by training clinicians and scientists who will significantly advance the field of cardiovascular medicine, performing cutting-edge research into new methods and treatments, and delivering the highest quality patient care. UMHVC faculty recruits from the highest quality and top medical students, residents and fellows to become well-respected specialists in their fields. Our graduates are sought after for positions across the country, supporting our vision and commitment to treatment of heart disease in one patient, one doctor, and one family at a time.

Research and Discovery: We are committed to providing cutting-edge research and innovative technologies that would not have been available to treat these complex conditions. Our research efforts are supported by a deep bench of scientific research which has a direct impact on future patient care and our tripartite commitment will nurture discovery-based research efforts and provide a collaborative environment for physician-scientists to identify cardiovascular diseases more quickly, precisely and efficiently than ever before – ultimately reducing the burden of cardiovascular disease throughout the world.

**Patient Support Groups:** Life-changing and compassionate care is our patients, including educating patients about their disease and living a heart-healthy lifestyle. We coordinate group activities with patient champions in all of our patient needs, from diagnosis through treatment and work closely with referring doctors to keep them updated on treatment and progress. We offer patient support for transplantation, congenital heart disease and sulfuric disease.
At the University of Maryland Heart & Vascular Center, our goal is to provide the highest quality comprehensive care possible. Our current multidisciplinary programs combine specialties from cardiology, cardiac and vascular surgery, pediatric cardiology and other subspecialties, in collaboration with cutting-edge research and innovative technologies. Patients receive care from an integrated team of heart specialists, ensuring the most advanced heart & vascular care possible. Our current specialized programs include:

- Hypertrophic Cardiomyopathy
- General Cardiac and Vascular Medicine
- Coronary Disease Intervention
- Structural Heart Valve Disease
- Pulmonary Embolectomy
- Pediatric Cardiology
- Limb Preservation
- Vascular Acute Care Services
- Structural and Adult Congenital Hybrid Cath Lab
- Advanced Heart Failure
- Aortic Disease
- Congenital Heart
- Coronary Disease Intervention
- General Cardiology and Vascular Medicine
- Hypertrophic Cardiomyopathy
- Vascular Acute Care Services
- Advanced Heart Failure
- Aortic Disease
- Congenital Heart
- Coronary Disease Intervention
- General Cardiology and Vascular Medicine
- Hypertrophic Cardiomyopathy
- Vascular Acute Care Services

**MULTIDISCIPLINARY PROGRAMS**

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**Philanthropic PRIORITIES**

- **Congenital Heart Program**
  - **$5,000,000**
  - Provides the University the ability to further expand our capabilities in providing expert care. Our current multidisciplinary programs combine specialties from cardiology, cardiac and vascular surgery, pediatric cardiology and other subspecialties, in collaboration with cutting-edge research and innovative technologies. Patients receive care from an integrated team of heart specialists, ensuring the most advanced heart failure care possible.

- **Structural Heart Valve Program**
  - **$4,000,000**
  - Provides sustainable funding for the growth of our multidisciplinary Structural Heart Valve Program and recruitment of key clinicians. This will enable us to provide the most advanced diagnostic and treatment options for heart valve disease.

- **Advanced Heart Failure**
  - **$1,500,000**
  - Provides the University the ability to further expand our capabilities in providing expert care. Our current multidisciplinary programs combine specialties from cardiology, cardiac and vascular surgery, pediatric cardiology and other subspecialties, in collaboration with cutting-edge research and innovative technologies. Patients receive care from an integrated team of heart specialists, ensuring the most advanced heart failure care possible.

- **Unrestricted Program Support**
  - **$200,000**
  - Support for equipment, specialized technology and upgrades necessary to advance clinical care, patient research, and education and programs.

**OUR REQUEST**

Your philanthropic investment in the future of the University of Maryland Heart & Vascular Center advances the university leadership of co-directors James S. Gammie, MD, and David A. Zimrin, MD, will continue to drive the pursuit of excellence in innovative research, education and patient-centered care in the Heart & Vascular Center.

- **$5,000,000**
  - Provides sustainable funding for the growth of our multidisciplinary Structural Heart Valve Program and recruitment of key clinicians. This will enable us to provide the most advanced diagnostic and treatment options for heart valve disease.

- **$3,000,000**
  - Provides capital funding for the construction of a new conference facility to be used to enhance the educational, training, research, and clinical care capabilities of the University of Maryland Heart & Vascular Center.

- **$2,500,000**
  - Supports the recruitment of additional cardiology fellows and other medical students. Construction and interior design will incorporate video-conferencing capabilities, high definition projectors and web-based strategies and technologies for heart and vascular discovery and patient care.

- **$2,000,000**
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- **$1,500,000**
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- **$200,000**
  - Support for equipment, specialized technology and upgrades necessary to enhance and expand clinical care, patient research, and education and programs.
A COMPREHENSIVE HEART & VASCULAR CENTER:

At the University of Maryland Heart & Vascular Center, we have a national reputation for treating the most complex heart conditions using the most advanced treatment options and therapies. We are committed to offering the highest gold standard care. As a continuum of care model specific to each patient, with our comprehensive programs in cardiology, cardiac and vascular surgery, pediatric cardiology and other subspecialties, in collaboration with cutting-edge research, innovative technologies, and multi-disciplinary programs, we proudly contribute to shaping the standard of cardiovascular patient care for hospitals throughout the land, across the country and around the world.

Our physicians are faculty of the University of Maryland School of Medicine, which helps to distinguish us from other hospitals in the state. Cardiologists and surgeons at the UMHVC have advanced medical and surgical skills as well as access to technology available only to a handful of 30 medical centers in the country. We offer personalized care, taking a team approach to our treatments. In the UMHVC, exceptional talent and dedication for the norm. It underscores the high-quality of care delivered and the value of research performed.

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Facing Today’s Challenges

Due to remarkable progress in prevention and treatment, cardiovascular diseases including heart attack, stroke, and peripheral vascular disease continue to drain nearly one trillion dollars per year in the United States – more than half of all deaths among U.S. men and women. This figure represents twice the number of deaths from cancer, twice those from accidents, and 25 times the number from HIV/AIDS.

Despite remarkable progress in prevention and treatment, cardiovascular diseases including heart attack, stroke, and peripheral vascular disease continue to drain nearly one trillion dollars per year in the United States – more than half of all deaths among U.S. men and women. This figure represents twice the number of deaths from cancer, twice those from accidents, and 25 times the number from HIV/AIDS.

Our Mission and Vision

The University of Maryland Comprehensive Heart & Vascular Center will be recognized as a national center of excellence in cardiovascular care, defined by condition-specific multidisciplinary programs dedicated to high-value patient-centered care. Our inpatient service is hospital-based, heart failure and acute coronary syndromes.

At the University of Maryland Heart & Vascular Center, we have a national reputation for treating the most complex heart conditions using the most advanced treatment options and therapies. We are committed to offering the highest quality standard of care in a continuum of care model specific to each patient. Our comprehensive programs in cardiology, cardiac and vascular surgery, pediatric cardiology, and other subspecialties, in collaboration with cutting-edge research, innovative technologies, and multidisciplinary programs, we proudly contribute to shaping the standard of cardiovascular patient care for those throughout Maryland and around the country and across the world.

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- Advanced Heart Failure
- Autoimmune Diseases
- Congenital Heart
- Coronary Disease Intervention
- General Cardiology and Vascular Medicine
- Hypertrophic Cardiomyopathy
- Pulmonary Embolism
- Transplant and VAD
- Structural Heart Valve Disease
- Vascular Acute Care Services
- Vascular Ultrasound
- Vascular Anomalies
- Vascular Ankle-Brachial Index
- Vascular Vegetation

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Philanthropic PRIORITIES

Conventional Heart Program

$5,000,000

Provide the latest advances in testing, diagnosis and treatment of heart disease. Informed by your generous support, comprehensive care for our patients. Conventional heart disease is one of the most common causes of death in the United States. Our patients receive care from a team of cardiologists, surgeons, and other specialists, working together to develop the most advanced and effective treatment options for heart disease.

Structure Heart Valve Program

$4,000,000

Expand our multidisciplinary program in structural heart valve disease, ensuring patients receive the most advanced and effective treatment options for heart valve disease.

Advanced Heart Failure

$1,500,000

Support for equipment, specialized technology and upgrades necessary to provide comprehensive care for our patients. Advanced heart failure is one of the most rapid killers of patients. Our team of cardiologists, surgeons, and other specialists, working together to develop the most advanced and effective treatment options for heart failure.

Limb Preservation

$1,000,000

Provide state-of-the-art technology and specialized treatment options for limb preservation.

Pulmonary Embolism

$500,000

Provide critical and specialized treatment options for pulmonary embolism.

Transplant and VAD

$200,000

Support for the latest advances in testing, diagnosis and treatment of heart disease. Informed by your generous support, comprehensive care for our patients. Transplant and VAD is one of the most rapid killers of patients. Our team of cardiologists, surgeons, and other specialists, working together to develop the most advanced and effective treatment options for heart disease.

Vascular Ultrasound

$90,000

Support for the latest advances in testing, diagnosis and treatment of heart disease. Informed by your generous support, comprehensive care for our patients. Vascular ultrasound is a non-invasive imaging test used to assess the arteries and veins in your body. It is used to detect blocked arteries, narrowed arteries, and aneurysms, and to evaluate the flow of blood.

Vascular Anomalies

$12,000

Support for the latest advances in testing, diagnosis and treatment of heart disease. Informed by your generous support, comprehensive care for our patients. Vascular anomalies are abnormal blood vessels that can occur anywhere in the body. They can cause symptoms ranging from mild to severe, depending on their location and size.

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