

Now Accepting Applications

Cardiovascular Center Postdoctoral Fellowship in Cardiovascular Sciences



CARDIOVASCULAR
CENTE



A training fellowship
designed to launch
and sustain
successful careers
in cardiovascular
research

Personalized
Training
Plans

Mentoring
by
Teams

Training in
Core
Competencies

Funded by NIH
& Private
Donors

About the Postdoctoral Fellowship

The program provides up to 3 years of broad-based, personalized, supportive, and rigorous **training in specific areas of scientific excellence in a highly-integrated research environment incorporating mentoring teams with access to an extensive research infrastructure** at the Medical College of Wisconsin in Milwaukee. Applicants should be highly-motivated, ambitious, productive, and have (or anticipate having) a PhD, PharmD, MD, or DO in a relevant research area such as biology, molecular biology, genetics, immunology, biochemistry, pharmacology, or physiology.

Train in one of four
major areas of expertise



Atherosclerosis,
Thrombosis,
& Vascular
Biology



Precision
Cardiovascular
Medicine



Hypertension



Cardiac Biology
& Heart Failure

2
application
cycles
per year



TO APPLY: Applicants should apply online through MCW Human Resources (Requisition ID: 25187) mcw.edu/Human-Resources.htm

**Per NIH guidelines, the postdoctoral fellow must be a U.S. Citizen or permanent resident.*

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information
and to apply



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CVC.Postdoc.Fellowship



Program Directors



Ivor Benjamin, MD
Cardiovascular Center,
Director



David Gutterman, MD
Distinguished Professor of
Cardiovascular Sciences



Mary Sorci-Thomas, PhD
Professor of Medicine

Atherosclerosis, Thrombosis, & Vascular Biology

- Pursues fundamental and translational scientific investigations into the major causes and treatments of atherosclerotic plaque, blood clotting, and other derangements in vascular health
- Studies lipid metabolism, inflammation, platelet biology, vascular biology, cerebral and cardiac microcirculatory control, vascular developmental physiology, vascular redox and eicosanoid signaling, pulmonary circulatory physiology

Cardiac Biology & Heart Failure

- Supports investigations of the causes and treatments of cardiac disease, including alterations in the structure and function of the heart
- Studies stem-cell mediated cardioprotection, genetics, inflammation, and fibrosis within the cardiac matrix, cardiac hypertrophy, adenosine, cardio-pulmonary resuscitation, cardiac muscle contractile function, insulin-like growth factor-1, ischemia-reperfusion injury, cardiomyopathy

Hypertension

- Focuses on the genetic and physiological mechanisms of hypertension
- Studies microRNAs, epigenomics, cellular metabolism, translational research and precision medicine, genetics, molecular regulatory networks, oxidative stress, angiogenesis, proteomics, renal physiology, immune mechanisms

Precision Cardiovascular Medicine

- Promotes enhanced understanding and translational advances in personalized medicine and genetics
- Studies progenitor cell biology, genome editing, disease-modeling with iPSC's, cell-based therapies, small molecular screening, congenital heart disease

Faculty Mentors:

Atherosclerosis, Thrombosis, & Vascular Biology •• Andreas Beyer, PhD • William Campbell, PhD • Magdalena Chrzanowska, PhD • John Corbett, PhD • Matthew Durand, PhD • Leonard Egede, MD, MPH • Hubert Forster, PhD • Julie Freed, MD, PhD • David Gutterman, MD • John Imig, PhD • Elizabeth Jacobs, MD, MBA • Girija Konduri, MD • Nicole Lohr, MD, PhD • Robert Montgomery, MD • Peter Newman, PhD • Kirkwood Pritchard, Jr., PhD • Ramani Ramchandran, PhD • Daisy Sahoo, PhD • Roy Silverstein, MD • Brian Smith, PhD • Mary Sorci-Thomas, PhD • Michael Widlansky, MD, MPH • David X. Zhang, MD, PhD •• **Cardiac Biology & Heart Failure** •• John Auchampach, PhD • Tom Aufderheide, MD • Xiaowen Bai, MD, PhD • Joy Lincoln, PhD • Brian Link, PhD • Caitlin O'Meara, PhD •• **Hypertension** •• Allen Cowley, Jr., PhD • Justin Grobe, PhD • Srividya Kidambi, MD • Alison Kriegel, PhD • Mingyu Liang, MB, PhD • Julian Lombard, PhD • Curt Sigmund, PhD • Andrey Sorokin, PhD •• **Precision Cardiovascular Medicine** •• Ivor Benjamin, MD • Zeljko Bosnjak, PhD • Ulrich Broeckel, MD • Sherry Ann Brown, MD, PhD • Aron Geurts, PhD • Balaraman Kalyanaraman, PhD • Anne Kwitek, PhD • John Lough, PhD • Michael Mitchell, MD • Michaela Patterson, PhD • Melinda Stolley, PhD • Brandon Tefft, PhD • Aoy Tomita-Mitchell, PhD • Raul Urrutia, MD

