



Dr. Vasan Ramachandran is a noninvasive cardiologist with specialization in cardiovascular epidemiology, and a senior investigator at the Framingham Heart Study (FHS). He is the co-director of the echocardiography and vascular testing laboratory at the Framingham Heart Study and directs the FHS fellowship training program. He is a recipient of a mid-career clinical investigator award from the National Heart Lung and Blood Institute (NHLBI), USA, has held several R01s from the NHLBI. He has mentored approximately 3 trainees every year over the last 10 years, many who have gone on to NIH training awards.

A professor of medicine, Dr. Ramachandran serves as the Director of the Echocardiography Laboratory, and Co-chair of the FHS Fellowship Committee. He is the chief of the Section of Epidemiology and Preventive Medicine within the Department of Medicine at the Boston University School of Medicine. He serves as an Associate Editor for the journal *Circulation* and Editor-in-chief for the journal *Circulation Cardiovascular Genetics*. His research interests include: A) epidemiology of congestive heart failure, including identifying risk factors for the disease, characterizing the subgroups with diastolic heart failure, asymptomatic LV systolic and diastolic dysfunction, and evaluating the role of LV remodeling; B) population-based vascular testing and echocardiography, including identifying biological, environmental, and genetic determinants (correlates) of cardiac structure and function; normative standards; detailed assessment of biomarkers of the process of LV remodeling, including but not limited to role of natriuretic peptides, insulin resistance, cardiac extracellular matrix markers, oxidative stress, inflammation, growth factors; genetics of LV remodeling, LA and aortic structure and gene-environment interactions; brachial artery endothelial function, its correlates and tonometric assessment of large artery function; C) epidemiology of high blood pressure, including characterizing the lifetime risk, rates of progression and risks associated with various degrees of elevation; large artery stiffness and function and role in systolic hypertension in the elderly; genetics of high blood pressure and large artery function; and D) exercise physiology, and exercise test responses in asymptomatic individuals and prognostic information; relations to endothelial function.

In 2010 he was named an Evans Scholar. The Evans Scholar Award which recognizes extraordinary achievement in discovery, service, and mentorship by senior faculty in BUSM's Department of Medicine.