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## **Biography**

Dr. Mulvagh is Professor of Medicine, Dalhousie University, Halifax Nova Scotia and Emeritus Professor, Mayo College of Medicine. She is also Emeritus Director of the Women's Heart Clinic, and Emeritus Associate Director of Preventive Cardiology, at Mayo Clinic, Rochester, Minnesota. She currently practices part-time in the Cardiology Division at the QEII Health Sciences Center, Halifax Infirmary site. She is a clinical and investigative cardiologist recognized nationally and internationally for her research and education in heart disease in women, and noninvasive cardiovascular imaging, specifically rest and stress echocardiographic imaging using newer technologies including contrast echocardiography, myocardial perfusion imaging and point of care ultrasound.

She earned her doctorate in medicine, graduating magna cum laude, from the University of Ottawa, Ottawa, Canada, in 1981 and then completed her internship at Dalhousie University in Halifax, Nova Scotia, residency in internal medicine at Boston University Medical Center, Boston, MA, and fellowship in cardiology at Baylor College of Medicine in Houston, TX. She has practiced Emergency and Internal Medicine in Ontario, Canada, and was a visiting scientist at NASA Johnson Space Center, and Clinical Instructor for the Baylor College of Medicine in Houston, TX, prior to arriving at Mayo Clinic in 1990, where she advanced academically over her 26 year career to become Professor of Medicine and Director of the Women's Heart Clinic, and Associate Director of Preventive Cardiology, prior to her retirement there in 2016.

Dr. Mulvagh is a fellow of the American College of Cardiology, American Heart Association, American Society of Echocardiography, and Royal College of Physicians and Surgeons of Canada, and a member of the Canadian Cardiovascular Society, and European Association of Cardiovascular Imaging.



She has served on the Board of Directors for the American Society of Echocardiography and has presented at, moderated and chaired many scientific sessions for the American College of Cardiology, American Society of Echocardiography, American Heart Canadian Cardiovascular Congress, and Canadian Echocardiography. As past-chair of the American Society of Echocardiography Task Force for Clinical Applications of Ultrasound Contrast, she was the primary author of the initial and updated consensus statements on the "Clinical Applications of Ultrasonic Contrast Agents in Echocardiography"; she has recently co-chaired the updated "Contrast Echocardiography Guidelines". She currently is a member of the American Society of Echocardiography Industry Roundtable, and chairs their Public Relations Task Force. She has been the principal and/or co-investigator on numerous public. foundation, industry, and institutional research grants. Her publications include >100 manuscripts in peer-reviewed journals, invited articles and book chapters addressing investigative frontiers in echocardiography (contrast echo, point of care ultrasound), women and heart disease, cardio-oncology, and cardio-rheumatology. She is an active runner, having completed the Boston Marathon in 2009 and 2012, and most recently, the Bluenose Half-marathon in 2017, to raise funds for Queen Elizabeth II Health Sciences and support the Internal Medicine Point of Care Ultrasound curriculum. Her passion is teaching and role-modelling a heart-healthy lifestyle for her patients, three adult children, colleagues and friends.