



Canadian Women's Heart Health Alliance

Advocacy Working Group | Member Profile



Caitlynd Myburgh, PhD

Assistant Professor of Biology and Kinesiology

The King's University

Edmonton, AB

Member since 2022

Biography

My name is Caitlynd Myburgh, and I am an Assistant Professor of Biology and Kinesiology at The King's University in Edmonton. My husband and I moved to Canada in 2021, all the way from South Africa.

I have a PhD in Human Physiology, more specifically in Cardiovascular Physiology from the North-West University of South Africa, where I graduated in July 2019. My research focus has always been in the cardiovascular field, with a strong focus on oxidative stress and vulnerable cohorts including various ethnicities, genders, age groups and pregnant women.

Some of my current work includes:

- I am the main supervisor for 4 Masters students in South Africa.
- Co-investigator of a large interdisciplinary study on pregnant women in Urban South Africa with my leg of the study focusing on oxidative stress and arterial stiffness.
- Co-investigator on an ongoing collaborative study on arterial stiffness in young South Africans. This study is in analysis phase.
- Newly joined a group of Canadian women to form a research team focusing on women's heart health.
- As a new faculty member at King's, I am also currently designing my own research project focusing on ambulatory blood pressure.
- I have participated every year since 2018 in the May Measurement Month global hypertension awareness campaign.

I am a member of the International Society of Hypertension, the American Scientific Affiliation, Hypertension Canada and the Southern African Hypertension Society. I am passionate about heart disease, especially within vulnerable populations.