



Centre for
Heart Lung Innovation
UBC and St. Paul's Hospital

Assistant Professor Research Presentation

Hemodynamic Function of the Cardio-pulmonary Unit during Exercise in Aging and Heart Failure



Stephen Wright, PhD
Postdoctoral Fellow
Integrative Clinical Cardiopulmonary Physiology Laboratory
University of British Columbia

Monday May 27th, 9:00 AM– 9:45AM
James Hogg Conference Centre (JHCC) Room 103
1st Floor Burrard Building, St. Paul's Hospital
(ZOOM info provided to those that registered)

Stephen is a Canadian Institutes of Health Research postdoctoral fellow in the Integrative Clinical Cardiopulmonary Physiology Laboratory at the University of British Columbia – Okanagan Campus. He previously completed his Ph.D. in Medical Science and M.Sc. in Exercise Science at the University of Toronto and Mount Sinai Hospital.

Stephen is a cardiovascular exercise physiologist with expertise in left atrial and right ventricular function. His research focuses on integrated cardiopulmonary function and hemodynamics, their relationship to exercise capacity and tolerance, and the modifying influences of sex, normal aging, and chronic disease. Currently, Stephen is leading two main projects. The first examines how breathing impacts heart function at rest and during exercise, whether interactions operate differently in women compared to men, and how healthy aging influences those interactions. The second is investigating how impaired heart function impacts lung function and contributes to exercise intolerance in adults living with heart failure, and testing whether using lower-body negative pressure can reduce breathlessness.



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