THE UNIVERSITY OF BRITISH COLUMBIA
Centre for Chronic Disease Prevention and Management
Faculty of Medicine

Funded PhD and postdoc positions in cardiovascular and autonomic physiology

Want to live, study and play in beautiful BC? The West Lab at The University of British Columbia Okanagan campus has funding currently available for PhD students and postdocs interested in studying the neural control of the circulation.

The West Lab primarily focuses on cardio-autonomic control in the setting of spinal cord injury and has an additional basic circulatory physiology focus on neuro-cardiac interactions. The lab uses a variety of animal models with a focus on in vivo measurement techniques, including cardiac pressure-volume loops, direct neural recordings of sympathetic nerve activity, ultrasound, and intraparenchymal measures of spinal cord oxygenation, in addition to standard wet lab techniques.

The lab offers an open and inclusive work environment, a competitive stipend/salary, and benefits from a rich collaborative network with other researchers based at the Centre for Chronic Disease Prevention and Management (CCDPM), the International Collaboration on Repair Discovery (ICORD), and the Centre for Heart Lung and Vascular Health (CHLVH), as well as a number of Industry collaborations. Interested applicants at the graduate level should have a strong academic background in physiology and ideally have prior experience working with animal models.

Interested applicants at the postdoctoral level should have expertise in small animal surgery (or a willingness to learn), evidence of high-quality scholarly output, and a strong academic background in either integrated systems physiology or spinal cord injury. Funded areas of research range from studying the sympathetic control of the circulation to testing the therapeutic efficacy of various acute and chronic interventions in the field of spinal cord injury.

Applicants should send a cover letter and copy of their CV directly to Dr. Christopher West (chris.west@ubc.ca).