



**POST-DOCTORAL FELLOW**  
**Division of Prevention & Rehabilitation**  
**Exercise Physiology and Cardiovascular Health Lab**  
**University of Ottawa Heart Institute**

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The University of Ottawa Heart Institute is Canada's largest and foremost cardiovascular health centre dedicated to understanding, treating and preventing heart disease. Investigators in the Division of Prevention & Rehabilitation are included in a unique array of initiatives and programmes with a particular emphasis on innovative approaches to prevention (primary and secondary) of cardiovascular disease. The Division is home to the Exercise Physiology and Cardiovascular Health Lab.

This fellowship affords the opportunity to gain and contribute knowledge to the area of cardiovascular exercise physiology. Some of the current research projects include: (1) OPPORTUNITY – investigating the impact of different forms of exercise training in patients with atrial fibrillation; (2) PREHAB-HTx – evaluating the impact of a lifestyle intervention in patients listed for heart transplantation; (3) NEURO-AF – examining the neurobiological responses to atrial fibrillation interventions; (4) PIEZO Rx – evaluating the feasibility and effectiveness of e-health applications in patients with cardiovascular disease; (5) CRX – investigating the effects of cardiac rehabilitation on physical and mental health outcomes in patients with coronary artery disease; and, (6) various projects examining practical approaches to prescribing physical activity and monitoring exercise intensity in patients with cardiovascular disease, with a focus on women. Clinical activities include conducting: (1) exercise training sessions; (2) cardiopulmonary exercise tests; and, (3) functional capacity tests for patients with atrial fibrillation, advanced heart failure, and coronary artery disease.

It is expected that the successful candidate will assume responsibility for the preparation and publication of manuscripts as well as assist in the submission of research grant applications. The fellow will have the opportunity to participate in training and educational activities (e.g., Grand, Prevention and Rehabilitation, and Work-in-Progress rounds, conferences), and may obtain additional support from our Research Services Department and Cardiovascular Methods Centre.

**The successful candidate will possess:**

- Ph.D. degree in a health-related field (exercise physiology/kinesiology preferred)
- R. Kin, ACSM RCEP, CSEP CEP, or equivalent
- A strong understanding of clinical research design, research methodology and data analysis
- Advanced statistical training and knowledge of statistical software packages
- Evidence of experience in the preparation and publication of manuscripts
- Excellent oral communication and technical writing skills in English
- Excellent computer skills (Microsoft Office, EndNote, SPSS)
- The ability to take guided initiatives and to work in an organized fashion within a fast-paced research environment, including flexibility in shifting between independent and collaborative work
- The ability to work collegially in an exciting and dynamic research environment

The position is a one-year fellowship with the possibility of renewal contingent on performance. While funding for this position has been secured through the University of Ottawa Heart Institute Foundation – Jan & Ian Craig Fellowship – and the Canadian Institutes of Health Research, successful applicants will be encouraged to apply for independent postdoctoral fellowships. Please send a letter of application including a one page description of research experience and interests, updated curriculum vitae, and names & contact information of three referees to Dr. Jennifer Reed, [jreed@ottawaheart.ca](mailto:jreed@ottawaheart.ca). Applications will be received until a suitable candidate is found. Anticipated start date is May 1, 2017.

***Accommodations will be provided in all parts of the hiring process relating to any specialty requirements. Applicants should make their needs known in advance.***