

POSTDOCTORAL FELLOW
University of Toronto
12-18 Month Position to begin May 15 2022

Description:

The position to begin immediately in the RAMP lab under the supervision of Darlene Reid, Professor, Physical Therapy, University of Toronto, the top ranked university in Canada. Co-supervision will be provided by Dr. Dmitry Rozenberg, Assistant Professor and Clinical Scientist, Toronto General Hospital Research Institute, ranked #4 globally.

Requirements:

A PhD is required along with excellent research experience. The applicant is required to have expertise and interest in further development of research skills examining physical and cognitive function of stable chronic lung disease patients and those admitted to hospital with respiratory exacerbations. The successful applicant will be responsible for managing two cohort studies that evaluate cognitive and physical function and its prognostic implications on post-hospital discharge. Other studies will be examining the interference of dyspnea and other cognitive loads on respiratory muscle function during inspiratory loading in healthy people and those with lung disease. Skills required and those that will be developed include: experience with cognitive and physical assessments, data acquisition during integrative physiologic studies, cohort study management, refinement of skills related to writing and publication, and team management.

Links to Additional Information:

- [Dr. W. Darlene Reid](#)
- [Rehabilitation Aimed at Muscle Performance \(RAMP Lab\)](#)
- [Dr. Dmitry Rozenberg](#)
- [Centre of International Experience](#) - includes a link that outlines potential living expenses.

Information for Applying

Please provide a cover letter addressing the below-listed points and include your curriculum vitae including publications. Please cite your three most significant publications and a brief description of why these papers were selected.

1. Availability for 12 to 18 month position (ideally 18 months) and availability for starting date of May 15 2022 or soonest date thereafter.
2. Ability to work in Canada
3. Experience with clinical research and prospective cohort studies working with ILD and COPD participants
4. Previous experience with functional assessments (gait, muscle strength, balance, cognitive), technological applications (EMG, NIRS, fNIRS, cardiovascular and ventilatory parameters), and research ethics applications
5. Experience in an integrative physiology lab, on hospital wards and/or with virtual assessments.
6. Ability to meet all current and anticipated requirements to conduct research on acute care wards at a University affiliated hospital on or soon after starting date.

Send to Darlene.reid@utoronto.ca and Dmitry.rozenberg@uhn.ca