

Fiche Description - Stage d'initiation à la recherche

Nom de la préceptrice ou du précepteur : Pr. Myles O'Brien

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Lieu : At CFMNB in Office.

Formats de stage disponibles : Présentiel

Titre du stage : Understanding the intersections of cardiovascular function, frailty, and movement.

1. Description du projet de recherche

Frailty reflects age-related physiological changes that increase the severity to minor illnesses. Using clinical trials and applied physiology study designs, my laboratory aims to understand how physical activity and postures impacts frailty levels and the development of chronic conditions (mostly cardiovascular and cognitive-based conditions). We have several on-going projects studying these intersections using applied physiology designs, big data, clinical trials, and in older adults who live in the community. Examples include, Her Healthy Hearts community program, role of prolonged sitting on blood pressure regulation, influence of vagal nerve stimulation on cardiovascular health, mobilizing in-patients at the Dumont hospital.

2. Description des tâches attribuées à l'étudiante ou l'étudiant

Depending on interests and availability of projects:

The recruited person will participate in the following activities:

- 1- Participation in recruitment activities for study participants
- 2- Participation in quantitative data collection (ambulatory blood pressure, accelerometry)
- 3- Participation in data and statistical analysis
- 4- Contribution to the creation of a knowledge mobilization infographic or manuscript.

3. Description des modalités de supervision

Pr. O'Brien will provide daily supervision delivered in person. An initial meeting for orientation and assignment of tasks as well as clarification of a timeline will be organized. Weekly follow-ups will allow monitoring of objectives and the identification of challenges and support needs. Recognition of contributions to various activities will be ensured to promote the work accomplished by the student. Support from Dr. O'Brien's graduate students and post-doctoral fellows will be offered to assist the successful applicant(s).

4. La préceptrice ou le précepteur est disponible pour toute la période des stages d'été? Oui

Sinon quelles sont les dates de disponibilité de la préceptrice ou du précepteur :

5. Autre information pertinente (objectifs d'apprentissage, milieu de stage, équipe de recherche, etc.)

Est-ce que vous souhaitez que cette opportunité soit affichée : Oui

Nom de l'étudiante ou l'étudiant présélectionné(e) :