

Postdoctoral Associate Position Opportunity

Department: Electrical & Computer Engineering

Supervisor: Ana Luisa Trejos

Description of Research and Position:

Area of research: Development of wearable tremor suppression mechatronic devices for people living with Parkinson's disease.

Position: Development of an adaptive control system that combines mechanical and electrical tremor suppression and integration of hardware and software.

Accountabilities of the Role:

- Software development and testing
- Data collection and analysis
- Embedded system design and construction
- Integration of hardware and software
- Student supervision

Educational Requirements necessary for the Role:

Bachelor degree in software engineering, PhD in robotics and control systems
Relevant research background in the following areas: embedded systems, control systems with emphasis on devices that are worn on the human body, knowledge of biosignal measurement and analysis, experience with modelling of human motion from measured biosignals (including EMG and motion data).

Number of Opportunities: 1

Proposed Start Date: 11/01/2018

Length of Appointment: 12 months (potential for renewal after 1 year)

Please note that the length of appointment may change.

How to Apply:

To apply, please send your CV, statement of research and three representative publications to Dr. Ana Luisa Trejos (atrejos@uwo.ca).

Posting Expires: October 25, 2018

Note: Postings must be publicly available for a minimum of 10 days.