

## Postdoctoral Associate Position Opportunity

**Department:** Civil & Environmental Engineering

**Supervisor:** Hassan Peerhossaini

### Description of Research and Position:

The Mechanics of Active Fluids and Bacterial Physics Laboratory of the Department of Civil and Environmental Engineering at the University of Western Ontario is seeking a talented post-doctoral fellow to participate in projects on the Active Fluid Dynamics of Bacterial Suspensions. The qualified candidates will have the opportunity to work on projects of interest from our list of research themes. The successful candidate will develop and employ biophysical and fluid dynamical techniques to study the motility, enhanced Brownian diffusion dynamics of bacteria, biofilm formation and flow of microorganisms as well as the development of innovative bio-solar energy and its application in building energy saving. The position is available on the 1st of February 2019.

### Accountabilities of the Role:

The successful candidate is accountable to the supervisor of this position and to complete research work as described in "description of research".

### Educational Requirements necessary for the Role:

PhD in biology is required. The ideal candidate should have experience with biochemical and biological methods and instruments. Excellent communication and organization skills and publication record are required. Experience and/degree in Chemical and Biochemical Engineering is highly appreciated. The University of Western Ontario is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

**Number of Opportunities:** 1

**Proposed Start Date:** 02/01/2019

**Length of Appointment:** One year

*Please note that the length of appointment may change.*

### How to Apply:

Email application to [hpeerhos@uwo.ca](mailto:hpeerhos@uwo.ca)

**Posting Expires:** January 1, 2019

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