

## Postdoctoral Associate Virus Evolution and Bioinformatics

### About Western

Western ranks as one of Canada's top research-intensive universities. From fundamental to applied discovery and other scholarly activities, its scholars advance knowledge that provides tangible benefits for the economic, social, health and cultural development of citizens in London, in Canada and around the world. Western Research supports scholars through collaboration, communication, and service. Western University and its affiliate colleges received more than \$267 million in research funding over the past year.

### About the Role

- Job title – Postdoctoral Associate
- Description of the area or topic of research – Virus Evolution and Bioinformatics: the development and application of computational methods to reconstruct the adaptation and spread of human RNA viruses; implementation of unsupervised clustering methods for studying the molecular epidemiology of SARS-CoV-2.
- Remuneration - \$70K/year
- [Benefits](#) - UWO rate
- Supervisor and academic unit – Dr. Art Poon, Pathology and Laboratory Medicine
- Application deadline – June 30, 2023
- Start date – September 1, 2023 or earlier as needed
- Duration of appointment – 2 years, renewable
- How to apply – submit application materials by e-mail to [apoon42@uwo.ca](mailto:apoon42@uwo.ca)
- Required qualifications:
  - PhD in biological sciences, bioinformatics, applied mathematics, computer science, epidemiology, or a related field;
  - Experience working with shell-based and remote computing environments via the command-line interface (CLI, e.g., Linux);
  - Experience with at least one scripting language, such as Python or R;
  - Preferably some experience with basic software development principles, e.g., version control systems, writing external and internal documentation, unit testing;
  - Ability to prepare and revise scientific manuscripts in English, as demonstrated by a record of first-author publications;
  - Ability to communicate in English;
  - Ability to work as part of a team.

- Required documentation:
  - CV
  - At least two work-related references
  - (recommended) examples of your source code, e.g., link to a GitHub repository

*Western Values Diversity*

The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups, Indigenous persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression. Accommodations are available for applicants with disabilities throughout the recruitment process.