

## Postdoctoral Researcher—Ecological and conservation genomics of amphibians

The Lee-Yaw lab at the University of Ottawa is seeking a highly motivated individual who is interested in working at the intersection of evolutionary ecology and conservation biology to join our team as a post-doctoral researcher.

### The opportunity:

This position involves analyzing a large ddRAD dataset to address several questions in evolutionary ecology and conservation genomics using salamanders as a study system. This dataset was generated with four specific studies in mind. The successful candidate is expected to help complete the analyses required to move these studies to publication. As sequences are already in house, this position offers opportunities to complete projects and submit papers relatively quickly. Research in the lab is more generally focused on the evolutionary ecology of species' distributions and applying insights gained from genomic data to conservation. There are opportunities to develop additional research projects within these themes as funding and time permit. The post-doc will also have opportunities to collaborate on other systems with students and other researchers associated with the lab.

Visit the lab website for more information about the research group: [www.leeyawlab.ca](http://www.leeyawlab.ca)

### Qualifications:

- A PhD in biology, ideally with a focus on ecology, conservation, or evolution.
- Experience working with reduced representation sequencing data and software (iPyrad, STACKS), or equivalent experience with related genomic datasets and methods.
- A solid understanding of population genetics as used in molecular ecology and conservation biology.
- A demonstrated track record of scientific productivity as evidenced through peer-reviewed publications.
- Excellent communication skills and a motivation to publish.
- Ability to work independently and to contribute to the mentorship of junior students.

We value diversity and are committed to advancing equity and inclusion in academia. All qualified candidates are welcome to apply, and I particularly welcome applications from members of historically underserved groups in ecology, evolution, and conservation.

### Compensation:

Salary starts at \$50,000 CAD and will be commensurate with qualifications and experience. The position is guaranteed for 1 year with opportunities for renewal depending on satisfactory progress. I am also happy to work with candidates to develop applications for external funding, which can provide a significant financial boost.

### Start date:

The position will ideally start in January 2024, but a later start (within limits) is possible.

### To apply:

Applications will be accepted until November 30, 2023 and reviewed as received until the position is filled. Send your CV and a cover letter outlining how your research interests and qualifications align with the position to [jleeyaw@uottawa.ca](mailto:jleeyaw@uottawa.ca).