

# YUYING LIN

Vancouver, BC V6T 1Z4 | 1-778-325-6819 | linyuying@zoology.ubc.ca

## Education

### Ph.D. in Evolutionary Biology

University of British Columbia

Sep 2019 - Jun 2024 (expected)

Vancouver, BC, Canada

### Master of Science in Zoology

Beijing Normal University

Sep 2016 - Jun 2019

Beijing, China

### Bachelor of Science in Biological Sciences

South China Normal University

Sep 2011 - Jun 2015

Guangzhou, Guangdong, China

## Publications

1. Lin, Y., Darolti, I., Morris, J., van der Bijl W., Mank, J. E. (2023) Extensive variation in germline *de novo* mutations in *Poecilia reticulata*. **Genome Research** *in press*
2. Fong J. L. M., Darolti, I., Metzger D. C. H., Morris J., Lin, Y., Sandkam B. A., Mank J. E. (2023) Evolutionary history of the *Poecilia picta* sex chromosomes. **Genome Biology and Evolution**. 15(3): evad030
3. Lin, Y., Mank, J. E. (2022) A chromosome predisposed for sex. **Nature**. 606: 257-258 (News & Views)
4. Lin, Y., Darolti, I., Furman, B. L. F., Almeida, P., Sandkam, B. A., Breden, F., Wright, A. E., Mank, J. E. (2022) Gene duplication to the Y chromosome in Trinidadian Guppies. **Molecular Ecology**. 31, 1853–1863

## Academic Service

### Graduate Assistant

Biodiversity Research Seminar Series

Nov 2021 - April 2023

Biodiversity Research Center, UBC

- Contact the seminar host and speaker, craft and send announcement emails, manage hybrid seminar zoom meetings

### Graduate Representative

Hiring Committee for Assistant Professor in Evolutionary Biology

Oct 2022 - Mar 2023

Department of Zoology, UBC

- Review and score applications, participate in committee discussions, coordinate grad student/postdoc lunches, participate in final selection discussions

## Coursework

- |  |   |
|--|---|
| • BIOL 548D Advanced Topics in Biology                   | • CPSC 445 Algorithms in Bioinformatics     |
| • BIOL 509 Population and Quantitative Genetics          | • CPSC 330 Applied Machine Learning         |
| • BIOL 501 Quantitative Methods in Ecology and Evolution | • CPSC 340 Machine Learning and Data Mining |

## Mentorship and Teaching

### Mentorship

|            |   |                     |
|------------|---|---------------------|
| Yilin Qiu  | Genome Science and Technology Program,<br>University of British Columbia, Vancouver, BC, Canada | Jan 2020 - May 2020 |
| Jian Zhang | Beijing Normal University, Beijing, China   | Sep 2018 - Jun 2019 |

### Teaching assistant

|                   |   |          |
|-------------------|---|----------|
| BIOL 111          | University of British Columbia, Vancouver, BC, Canada | Dec 2022 |
| Zoology Fieldwork | Beijing Normal University, Beijing, China             | May 2017 |

## Fellowships and Awards

|   |                     |
|---|---------------------|
| UBC Zoology Graduate Fellowship (\$15,000)                | Sep 2023 - Aug 2024 |
| Chinese Scholarship Council PhD Fellowship (\$105,600)    | Sep 2019 - Aug 2023 |
| Excellent Grad Student English Oral Presentation (¥2,000) | Aug 2019            |
| BNU Second Prize Scholarship (¥30,000)                    | Sep 2016 - Jun 2019 |
| Second Prize of Young Ornithologist Forum (¥500)          | Sep 2018            |
| Third Prize of National Undergraduate Challenge Cup       | May 2015            |
| National Undergraduate Research Fellowship (¥20,000)      | Sep 2014 – Sep 2015 |

## Conference Contributions

|   |                         |
|---|-------------------------|
| <b>Oral Presentation</b>                          | Jun 2023                |
| Evolution 2023                                    | Albuquerque, NM, USA    |
| <b>Elevator Pitch</b>                             | May 2022                |
| Debbie and Justin Wragg-Schmidt Zoology Symposium | Vancouver, BC, Canada   |
| <b>Oral Presentation</b>                          | Sep 2019                |
| The 15th Chinese Ornithology Congress             | Changchun, Jilin, China |
| <b>Poster Presentation</b>                        | Aug 2018                |
| II Joint Congress on Evolutionary Biology         | Montpellier, France     |