

YUYING LIN

Vancouver, BC, Canada | <https://lin-yuying.github.io/> | 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

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

| | |
|--|-------------------------|
| Heritable genetic variation in <i>Poecilia reticulata</i> | Jun 2023 |
| Evolution 2023 | Albuquerque, NM, USA |
| Gene duplication to the Y chromosome in Trinidadian Guppies | May 2022 |
| Debbie and Justin Wragg-Schmidt Zoology Symposium | Vancouver, BC, Canada |
| Conservation genomics in <i>Tragopan</i> genus | Sep 2019 |
| The 15th Chinese Ornithology Congress | Changchun, Jilin, China |
| Poster Presentation | Aug 2018 |
| II Joint Congress on Evolutionary Biology | Montpellier, France |