

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 - Apr 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

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| • 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 sources of 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