

Jinlin Chen (陈金琳)

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EDUCATION

University of Oxford

Oxford, UK

DPhil in Zoology (Supervisor: Dr. Owen Lewis)

Oct 2018 – Dec 2022

- Thesis title: “Experimental Community and Thermal Ecology of Rainforest *Drosophila* and Their Parasitoids” (Examiners: Dr. Jake Alexander (ETH, Zurich) and Dr. Ailsa McLean (University of Oxford, Oxford)).

Peking University

Beijing, China

BSc. in Biological Science (honoured)

Sep 2013 – Jul 2018

Visting Student (Aug – Dec 2016) in Integrative Biology at the University of California Berkeley

WORK EXPERIENCES

Nanjing University

Nanjing, China

Tenure-track Assistant Professor

Apr 2025 – present

University of Oxford

Oxford, UK

Postdoc (PIs: Dr. Owen Lewis, Dr. Megan Higgie, and Dr. Jon Bridle)

Jan 2023 – Jan 2025

- NERC standard grant: “The Ecological and Evolutionary Legacy of Extreme Climatic Events for Food Web Resilience”

The Nature Conservancy (TNC)

China

Research Intern for watershed health assessment

Mar – Aug 2018

Volunteer for the Yunnan snub-nosed monkey conservation project

Feb – Apr 2017

PUBLICATIONS

- [1]. **Chen, Jinlin**, and Owen T. Lewis. "A cryptic host–parasitoid interaction reduces the impact of heatwaves on *Drosophila* host populations." *Proceedings of the Royal Society B: Biological Sciences* 292.2059 (2025): 20251527.
- [2]. Bright, Natalie L., **Jinlin Chen**, and J. Christopher D. Terry. "Transgenerational effects increase the vulnerability of a host–parasitoid system to rising temperatures." *Journal of Animal Ecology* 94.10 (2025): 2089-2102.
- [3]. Li, Jingdi, Cameron A. Smith, **Jinlin Chen**, Kieran A. Bates, and Kayla C. King. "Warming during different life stages has distinct impacts on host resistance ecology and evolution." *Ecology Letters* 28, no. 2 (2025): e70087.
- [4]. 刘田田, **陈金琳**, 陈飞, 高欢欢, 习新强. (2025). 两种果蝇蛹期寄生蜂的冷、热昏迷反应. *昆虫学报*, 68(1), 89-97
- [5]. **Chen, Jinlin**, and Owen T. Lewis. "Limits to species distributions on tropical mountains shift from high temperature to competition as elevation increases." *Ecological Monographs* 94.1 (2024): e1597.
- [6]. **Chen, Jinlin**, and Owen T. Lewis. "Experimental heatwaves facilitate invasion and alter species interactions and composition in a tropical host-parasitoid community." *Global Change Biology* 29.22 (2023): 6261-6275.
- [7]. Terry, J. Christopher D.*, **Jinlin Chen***, and Owen T. Lewis. "Natural enemies have inconsistent impacts on the coexistence of competing species." *Journal of Animal Ecology* 90.10 (2021): 2277-2288. (*co-first authors)
- [8]. Yang, Li, Baofeng Zhang, Xinrui Wang, Yueheng Ren, **Jinlin Chen**, ... , and Xiaofeng Luan. "Gap analysis and implications for seasonal management on a local scale." *PeerJ* 6 (2018): e5622

PROFESSIONAL SERVICES

Current Zoology

Junior Editor Board

China
2026 – present

Biodiversity Science 《生物多样性》

Junior Editor Board

China
2024 – 2026

Reviewer

Reviewed research articles for *Ecology*, *Global Change Biology*, *Ecological Monographs*, *Biological Journal of the Linnean Society*, and *Journal of Medical Entomology*.

TEACHING

Nanjing University

Nanjing, China

Lecture

- Ecology 2026
- General Biology (Zoology Part) 2025
- General Introduction to Ecology 2025
- Modern Methods in Ecology (graduate) 2025

Supervisor

- Ge Xu (2025): summer intern, now enrolled at East China Normal University for Master's degree.
- Jie Hui (2025 - 2028): Master's degree.
- Chen Tian (2025 - 2026): undergraduate thesis project.

University of Oxford

Oxford, UK

Co-supervisor of Master's project in Biology

- Natalie Bright (2023-2024): transgenerational effects and their impact on the persistence of a host-parasitoid system.
- Nancie Bowley (2022-2023): apparent facilitation in host-parasitoid network.
- Eloise Newman (2021-2022): how does temperature influence the outcome of intrasexual contests between two co-existing species?

Supervisor and co-supervisor of Undergraduate research project

- Valentino Pallini, Letti Lee, Maryam Binti Mohd Hafiz, Julia Cypar, Ellie Jarvis

Demonstrator

- Programming in R 2022
- Scientific Reading (graduate) 2022
- Doctoral Training Centre Statistics and Data Management (graduate) (practical project lead) 2021
- Climate Envelope Models 2021

Peking University

Beijing, China

Teaching Assistant

- Mathematical Modelling in Biology 2016
- Genetics 2016

AWARDS and GRANTS

- The National Natural Science Foundation of China, Early-Career Research Grant 2026-2028
- NJU-Kerry Foundation, Southeast Asia Knowledge Exchange Grant 2025-2026
- Nanjing University, Research Startup Grant 2025-2028
- UK Natural Environment Research Council, Standard Grant (named postdoc) 2023-2025
- China Scholarship Council, Outstanding University PhD Scholarship 2018-2022
- Biology Eurofins Foundation Award 2022
- The Queen's College, Academic Support Grant 2020&2018

- China Oxford Scholarship Fund, Honorary China Oxford Award 2018
- Peking University, Excellent Undergraduate Student 2018
- Peking University, Jinlongyu Scholarship (rank 1st) 2016
- Peking University, Yang Fuqing Academician Scholarship (rank 5th) 2015

SELECTED TALKS

- Chengdu, *Biodiversity Science* Annual Conference and Editors' Meetings 2025
(Talk: Cryptic parasitism and its population- and community-level ecological effects)
- Beijing, Chinese Academy of Sciences, Institute of Zoology Friday Seminar 2025
(Talk: Species interactions determine communities' reaction and adaptation to climate change)
- Liverpool, British Ecology Society Annual Meeting 2024
(Talk: Trait evolution in host-parasitoid communities following a community-shifting heatwave)
- Shenzhen, Sun Yat-Sen University, Departmental of Ecology Seminar 2024
(Talk: The formation and impact of novel species interactions under climate change)
- Belfast, British Ecology Society Annual Meeting 2023
(Talk: Causes and future drivers of species turnover along elevational gradients)
- České Budějovice, Biology Centre of the Czech Academy of Sciences, Kokomo Seminar 2022
(Talk: Causes and future drivers of species turnover along elevational gradients ---- insights from Australian tropical *Drosophila* and their parasitoids)
- London, London Natural History Museum, The Explorer Programme Summer Social 2022
(Talk: Biological responses to climate change)
- Leipzig, UFZ & iDiv, Frontiers in Experimental Research on Changing Climate 2022
(Talk: Heatwave and warming induce distinctive community responses through their interactions with a novel species)
- Liverpool, British Ecology Society Annual Meeting 2021
(Talk: Parasitoid interaction history and food quality influence heatwave resistance of *Drosophila*)
- Festival of Ecology, British Ecology Society annual meeting 2020
(Talk: High temperature structures tropical forest *Drosophila* communities)
- Beijing, Peking University, 3rd Symposium of Undergraduate Honour Program of Biology 2015
(Talk: Behavioural and physiological responses of *Drosophila* to acid taste)