

JINLIN CHEN (陈金琳)

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EDUCATION

University of Oxford

Oxford, UK

DPhil in Zoology

Oct 2018 – present

- Thesis title: “Experimental Community and Thermal Ecology of Rainforest *Drosophila* and Their Parasitoids” (Supervised by Owen Lewis)

Peking University

Beijing, China

BSc. in Biological Science (honoured)

Sep 2013 – Jul 2018

- GPA: 89/100; Rank: 5/123

University of California, Berkeley

Berkeley, USA

Visiting Student in Integrative Biology

Aug 2016 – Dec 2016

- Courses and Grades: Ecological Genetics: A; Evolution: A⁺; Host-Pathogen Interaction: A⁺

PUBLICATIONS

- [1]. **Chen, J.**, & Lewis, O. T (*In preparation*). Heatwave and warming induce distinctive community responses through their interactions with a novel species.
- [2]. **Chen, J.**, & Lewis, O. T (*In preparation*). Cryptic host-parasitoid interaction enhances host population's resistance to heatwave.
- [3]. **Chen, J.**, Wang, W., Zhao, J. & Yao, M. (*In preparation*) Simulation-based inference of dispersal patterns in an endangered primate using approximate Bayesian computation.
- [4]. **Chen, J.**, & Lewis, O. T (2022). Factors determining distributions of rainforest *Drosophila* shift from interspecific competition to high temperature with decreasing elevation. *bioRxiv*.
- [5]. Terry, J. C. D.*, **Chen, J.***, & Lewis, O. T. (2021). Natural enemies have inconsistent impacts on the coexistence of competing species. *Journal of Animal Ecology*, 90(10), 2277-2288. (* co-first author)
- [6]. Yang, L., Zhang, B., Wang, X., Ren, Y., **Chen, J.**, Zhang, C., ... & Luan, X. (2018). Gap analysis and implications for seasonal management on a local scale. *PeerJ*, 6, e5622.

CONFERENCES

- London Natural History Museum, The Explorer Programme Summer Social (ECR talk) 2022
- Leipzig UFZ & iDiv, Frontiers in Experimental Research on Changing Climate (oral talk) 2022
- Liverpool, British Ecology Society annual meeting 2021 (oral talk) 2021
- Festival of Ecology, British Ecology Society annual meeting 2020 (oral talk) 2020
- Birmingham, British Ecology Society annual meeting 2018 (attendee) 2018
- Duke Kunshan University, Conservation of China's Tropical Biodiversity (poster) 2016
- Peking University, 3rd Symposium of Undergraduate Honour Program of Biology (oral talk) 2015

TEACHING

- Co-supervisor, Master project in Biology Oxford, 2021-2022
- Demonstrator and assisting lecturer, Programming in R (refresher) Oxford, 2022
- Facilitators, MBiol journal club course Oxford, 2022
- Facilitator and demonstrator, DTC statistics and data management course Oxford, 2021
- Demonstrator, Biology undergraduate course: Climate envelope model Oxford, 2021
- Co-supervisor, Undergraduate research project in Biology Oxford, 2020
- Co-supervisor, Undergraduate research project in Biology Oxford, 2019
- Teaching assistant, Mathematical modeling in Biology (edX) Peking University, 2016
- Teaching assistant, Genetics Peking University, 2016

EXTRACURRICULAR EXPERIENCES

Oxford University Sport Team

Oxford, UK

- Volleyball (Women's 1st team member and 2020-2021 captain)

2018 – present

- Table Tennis (Women's 1st team member) 2020 – present

The Nature Conservancy (TNC) Beijing, China
Research Intern to design a health assessment framework for small river basin Mar – Aug 2018

Fieldwork Assistant Tangshan, China
Investigating shorebirds' spatial usage of tidal area May 2017

The Nature Conservancy (TNC) Lijiang, China
Volunteer Feb – Apr 2017

- Developed an R package to analyse wildlife monitoring data by local patrol team in a standardized and convenient way
- Conducted an interview survey of local communities to investigate sustainability of previous conservation actions. This work led to new 10-year conservation funding from Ant Forest by Alibaba to the interview site.

Peking University Greenlife Society Beijing, China
Committee: Project Coordinator 2013 – 2016

Peking University Social Practice Team on Fishery Reform Investigation Fujian, China
Core Member July 2014

- Interviewed people from various backgrounds to record existing problems and exemplary practices in Chinese fishery
- Represent the team to presented this work at Peking University Summer Social Practice Contest and won the first place.
- Awarded the outstanding team of Beijing College students.

AWARDS

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| • Chinese Government Scholarship, China Scholarship Council | 2018-2022 |
| • Academic Support Grant, The Queen's College, University of Oxford | 2020 |
| • Sponsored place for the "Ecological Survey Techniques" Course, Oxford | 2020 |
| • Academic Support Grant, The Queen's College, University of Oxford | 2018 |
| • Honorary China Oxford Award, China Oxford Scholarship Fund | 2018 |
| • Excellent Undergraduate Student, Peking University | 2018 |
| • Jinlongyu Scholarship (rank 1 st), Peking University | 2016 |
| • Yang Fuqing Academician Scholarship (rank 5 th), Peking University | 2015 |

SKILLS

Quantitative Skills

- Coding in R, MATLAB, and C.
- Geographic Information System by ArcGIS or R.
- Integral Projection Model ("Stage-based Demographic Modelling" course by NERC advance training short course)
- Causal Inference ("Advance Research Method – Causal Inference" course by Oxford spring school)

Fieldwork Skills

- Bird survey (fieldwork assistant)
- Camera trapping (research project)
- Invertebrate survey ("Field Techniques for Surveying Invertebrates" course by Oxford continuing education department)

Language Skills

- Proficient in Mandarin and English