

Kaylin L. Chong

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EDUCATION

Harvard University, Graduate School of Arts and Sciences

PhD in Organismic and Evolutionary Biology

Cambridge, MA

Degree Expected: Fall 2028

University of Oxford, St Catherine's College

Bachelor of Arts in Biology

United Kingdom

1st class, 2022

RESEARCH EXPERIENCE

University of Oxford Museum of Natural History - Research Intern 2021

- First author publication in prep examining spider eye growth in relation to ecological and phylogenetic factors.
- Handled specimens from the museum's spirit collection and compiled <1000 specimen photographic dataset
- Comparative analysis to determine if eye size differs between eye pairs and across spider families

University of Oxford West Lab - Research Intern 2021

- Comparative analysis looking at if cooperative genes are more likely to be found on phages.
- Developed skills in R to create code to extract various phage information from a compiled dataset.
- Improved communication skills and understanding of bioinformatics through giving presentations.

University of Oxford Natural History Museum, 2nd year Research Skills Participant 2021

- Designed project looking at the relationship between pollen morphology, plant type and dispersal mechanisms.
- Used R studio to conduct statistical tests (t test, ANOVA) to analyse data collected.
- Understood how simulation parameters could be manipulated to visualise pollen flow dynamics.

University of Oxford Herbarium - Research Assistant 2019

- Responsible for curating Japanese plant specimens.
- Developed attention to detail when taking photos of the plant to make sure all features were visible.
- Improved patience and focus through meticulous labelling of other Herbarium specimens.

AWARDS, PRIZES & SCHOLARSHIPS

Rhodes Scholarship Hong Kong - Finalist 2022

- One of four finalists for the Rhodes Scholarship Hong Kong
- Selection is on the basis of intellect, character, leadership and commitment to service
- Proposed to study mutualistic coevolution in arbuscular mycorrhizal (AM) fungi rhizobia system

St Catherine's College - College Exhibition 2021

- Awarded to students who demonstrate first class level performance in one year.

St Catherine's College - Rose prize *proxime accesserunt* 2021

- Awarded to students for best academic performance in Biological Sciences.

ADDITIONAL EXPERIENCE

Riverside Boat Club - Women's squad cox Aug 2022-Dec 2022

- Raced in 4+ in Head of the Charles '22

Oxford University Lightweight Women's Boat Club - Tethys Boat cox Sept 2021- Jul 2022

- Committed to 20 hours per week of training on the water and ergs
- Selected as Tethys boat cox and raced in the OUWLRC challenge cup '22
- Raced at Upper Thames Head '21, British Universities and Colleges Sport rowing regatta '22

University of Oxford Biological Society - President Apr 2020 - Sept 2020

- Coordinated the rebrand of the society and built social media following on Instagram and Facebook
- Developed teamwork and interpersonal skills through communicating with the committee.

St Catherine's College Boat Club Apr 2020 - Jul 2022

- 2020-2021 Women's Co-Captain
- Women's 1st boat cox in Summer Vllls, Henley Women's Regatta '21, Henley Royal Regatta Ladies Cup '22

St Catherine's College JCR- Careers & Academic Affairs Representative Feb 2020 - Mar 2021

- Ran Fresher's week career workshop for 50+ freshers.
- Responsible for developing and running the college's University Challenge team trials.
- Collaborated with the JCR president to redesign the new website.