Kaylin Chong

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EDUCATION

Harvard University, Graduate School of Arts and Sciences — Cambridge, MA
PhD in Organismic and Evolutionary Biology — Degree Expected: Fall 2028

University of Oxford, St Catherine's College — United Kingdom
Bachelor of Arts in Biology — 2022

RESEARCH EXPERIENCE

University of Oxford Museum of Natural History - Research Intern **2021**

- First author publication in preparation looking at growth of spider eyes in relation to visual/nonvisual hunting modes.
- Handled delicate spider specimens from the museum's spirit collection.
- Compiled over 1000 specimen photographic dataset using stereomicroscopy to measure eye size
- Comparative analysis to determine if eye diameter differs 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 a research 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 creating Japanese plant specimens.
- Developed attention for 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 project was 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.