

## ***Education***

### **Doctor of Philosophy**

Yale University and New York Botanical Gardens

*Environmental Science*

2024 – 2029 (expected)

Lewis B. Cullman Fellowship (2024 – 2029) and Quad Fellowship (Environmental Science, 2024).

### **Bachelor of Science (First Class Honours)**

National University of Singapore

*Environmental Studies and Life Sciences*

2020 – 2024

Recipient of the Wu Hsioh Kwang Family Study Award (2020-2024).

## ***Professional Experiences***

### **United Nations Climate Change Secretariat**

May 2024 – September 2024

*Adaptation Division Policy Researcher*

Singapore

- Lead research on thematic interlinkages between food security and other environmental challenges, including freshwater security, biodiversity conservation, and sustainable finance; covering 10 themes to provide insights on how adaptation policies can build inter-thematic synergies for greater efficacy.
- Spearhead focused review of over 40 countries' adaptation policies in agriculture and forestry sectors using national policy documents for recommendations to policymakers and UNFCCC's affiliated bodies.
- Work directly with high-level government officials from developing countries to identify potential policy synergies for enhancing food resilience in tandem with water, energy, biodiversity conservation.

### **Eco-Business**

January – May 2024

*ESG Intelligence and Partnerships Executive*

Singapore

- Conducted sectoral analysis and prepare curriculum materials to deliver insights on industry trends in sustainable finance, carbon markets, and sustainability reporting for Eco-Business clients and internal teams, including C-Suite executives, civil servants of Government of Singapore, and industry leaders.
- Managed over 80 partners and donors for achieving organisation's goals through strategic engagement.
- Established Eco-Business presence and programmes across the Asia Pacific region by organising flagship events such as The Liveability Challenge, and sustainability or carbon finance training workshops.

### **Yale Center for Business and the Environment**

August 2022 – December 2022

*Writer, Conservation Finance Network*

New Haven, Connecticut, US

- Analysed the socio-political benefits and implications of voluntary carbon markets, with a focus on nature-based carbon projects and jurisdictional programmes, on indigenous communities stewarding ecosystems.
- Authored an [article](#) for the Center to communicate the insights shared by thought leaders from different sectors of the voluntary carbon market ecosystem.

### **Climate Impact X**

January 2022 – May 2022

*Technical Analysis and Commercial Operations*

Singapore

- Spearheaded technical industry research on carbon accounting methodologies and crediting standards of major credit registries such as Verra for forestry and agricultural land management projects.
- Modelled future supply and demand volumes for emerging types of carbon offset projects, including jurisdictional and nested REDD+, biochar removals, and bioenergy with carbon capture and storage.
- Managed carbon marketplace and exchange customer engagement life cycle, including non-disclosure act delivery, onboarding assistance, and advising on offset acquisition and listings.

## ***Awards, Grants and Honours***

- Quad Fellowship (Institute of International Education, 2024); Cullman Fellowship (Yale University & New York Botanical Gardens, 2024); Cornell Denison Fellowship (Most competitive applicant with greatest potential to promote excellence in plant science research and teaching, declined nomination, 2024); Cornell Fellowship (Top 20% PhD applicants, declined award, 2024).