

## Ziyuan Guo

## Curriculum Vitae

Mailing address: 25-6415 197 St., Langley, BC, V2Y 1G8

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Citizenship: China

### EDUCATION

#### **Master of Environmental Toxicology Candidate**

Simon Fraser University, Burnaby, BC

Starting in 09/2022

#### **Bachelor of Science Honours, Majoring in Biology and Minor in Chemistry**

Trinity Western University, Langley, BC

01/2017-04/2021

GPA: 3.73/4.3

Core courses:

Cell biology, microbiology, immunology, vertebrate zoology, invertebrate zoology, non-vascular plant biology, plant physiology, general ecology, plant ecology, marine ecology, classic and molecular genetics, conservation biology, biochemistry, biosynthesis, organic chemistry, analytical chemistry, environmental chemistry

### PROJECT EXPERIENCE

1. Dendrochemical Analysis of Western Redcedar (*Thuja plicata*) as a Method for Investigating Environmental Pollution History of Copper and Zinc from a British Columbia Mine Site, *Undergraduate Thesis* (Dr. Paul Brown, Supervisor) 09/2020-04/2021
  - A two-semester project that has been presented at the University's Undergraduate Research Conference
  - Determined Zn and Cu in dendrochronological samples collected from *T. plicata* in a historically polluted area
  - Showed dendrochemical analysis of *T. plicata* is a valid method for investigating environmental pollution history of Zn, but not Cu
2. Nicomekl River Floodplain Restoration Project, *Collaborator* 01/2021-04/2021
  - Commissioned by Langley Environmental Partners Society (LEPS) to investigate environmental issues in the Nicomekl River Floodplain in Langley, BC as part of a conservation biology course
  - Proposed management strategies in regard to invasive plants, erosion, and human impacts
  - Identified and reported issues and potential solutions to Langley City via LEPS

### AWARDS & HONOURS:

- Academic Dean's List, Trinity Western University (every semester except Spring 2019)
- President's Scholarship, Trinity Western University (Fall 2017-Spring 2021, every semester)
- Dean's Scholarship, Trinity Western University (Spring 2017)

### SKILLS & HOBBIES

- Mountaineering
- Amateur Radio Direction Finding (ARDF), Second Place in the Chinese National Tournament
- Orienteering, Sixth Place in the Chinese National Tournament

## **WORK EXPERIENCE**

Food preparation worker. *Foodkort Dining Ltd., Vancouver, BC.*

05/2021-08/2022