

Carly Hilbert

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PROFESSIONAL SUMMARY

A curious, dedicated student looking to research new, innovative solutions. Seeking to integrate research with presentation between environmental, biological, and veterinary science. Currently looking at systematic and policy changes to improve food security outcomes with innovative solutions like [Farm to Plate Marketplace](#).

RESEARCH EXPERIENCE

OH-HI Science CoLab

Jan 2025 – May 2025

As a research assistant in the Oh-Hi CoLab, I serve as a strategic bridge between scientific expertise and diverse stakeholder groups. My role encompasses building and sustaining strong relationships with multiple stakeholder groups and translating technical scientific content into compelling narratives for diverse audiences.

ITEX Lab

Oct 2023 - Sep 2024

Assisted with methodology protocols, manuscript revision and data collection. Assisted with publishing several papers and organised a new NSERC Research Alliance in addition to organising an international conference attended by over 100 attendees from over 30 countries. Developing group organising skills and manuscript writing abilities.

Henry Lab

Sep 2023 - Sep 2024

Soil core sorting, weighing and biomass measurements were taken, extensive fieldwork in the alpine regions of British Columbia, assisted with several manuscripts to communicate findings and organised two academic conferences.

Garibaldi Lab

Feb 2022 - Oct 2023

Conducted Literature review, fieldwork and manuscript writing on the effects of trampling and elevation on alpine plants in the Nch'kay region that are culturally significant to the Squamish and Lil'wat Nations. Presented at the 2023 BC PARF Conference as a speaker. Developing R skills and scientific communication.

Angert Lab

Feb 2022 - Aug 2023

Conducted alpine plant ID, gained experience across several areas of lab research, including trampling and species range, completed 2 systematic literature reviews, drafted up multiple manuscripts and presented findings at two conferences as talks.

Sorted, counted, and processed seeds into a genotype database, organised and maintained greenhouse and lab space, sanitised equipment, catalogued seed packets and prepared seeds for long-term storage, adept use with microscopes and scales.

RESEARCH EXPERIENCE CONT.

Conducted a systematic literature review on aggression levels in mice. Sep 2021 - Sep 2022
Communicated across team members, conference organisers and libraries, designed engaging visuals to communicate research to the general public, and presented findings at a conference as a poster.

Animal Welfare Research Assistant Sep 2021 - Aug 2022
Conducted video behavioural scoring at the Animal Welfare Lab to determine aggression rates between male mice and created a poster presentation and methodology for the 2022 Multi-Disciplinary Research Conference.

ENTREPRENEURSHIP EXPERIENCE

Founder - Second Dish Mar 2025 - Current
A Vancouver-based social enterprise that helps restaurants turn surplus food into community impact. We handle safe collection, transport, and delivery of extra prepared or perishable items to local charities. Our partner organisations issue official tax receipts, allowing restaurants to claim charitable deductions. This reduces food waste, supports those in need, and saves businesses on disposal costs. We make food donation easy, compliant, and good for both business and the planet.

Founder - Verdant Workshops Feb 2025 - Current
I founded a business that empowers communities through hands-on food systems education. We teach essential skills like cooking, gardening, and seasonal eating to improve food literacy. Our programs build confidence, resilience, and connection to where food comes from. We partner with schools and organisations to make food education inclusive and accessible. Our goal is to help people not just learn about food, but truly thrive with it.

Founder - Avex Consulting Apr 2024 - Current
I founded this advisory practice to help agricultural ventures and food systems organisations scale sustainably using cooperative and community-centred business models. I also assist in administrative restructuring in large organisations. I currently serve as an advisor to the National Circle for Indigenous Agriculture and Food (NCIAF) and the North American Alliance for Indigenous Food Systems (NAAAN), contributing expertise in cooperative development, Indigenous-led agri-business models, and policy engagement.

Founder - Aspen Pet Care Jul 2022 - Current
I run a specialized pet sitting business that focuses on the care of animals with medical needs, behavioural challenges, and trauma histories. From administering medication and post-surgical care to working patiently with anxious, reactive, or neurodivergent pets, we provide a calm, consistent, and knowledgeable presence that both animals and their guardians can trust.

Co-Founder and Volunteer Coordinator - UBC Rabbitats

Feb 2022 - Mar 2025

Founded the UBC Rabbitats chapter and was responsible for over 300 volunteers. Coordinates and schedules multiple events weekly to ensure a pleasant client experience and facilitates smooth events to help fund the larger Rabbitats shelters, adoptions, and other costs. UBC Rabbitats is now one of Rabbitats' largest funding streams to help support the overall Rabbitats mission.

WORK EXPERIENCE**WFF Chapter Lead - UN Food and Agriculture Organisation**

May 2025 - Current

As the British Columbia Chapter Lead for the World Food Forum, I'm working to launch and grow the province's first youth-led chapter focused on sustainable and equitable food systems. I lead strategic planning, recruit and mentor a diverse team, and build partnerships with universities, government bodies, NGOs, and Indigenous communities. My work connects WFF's global mission to local action, amplifying youth voices through education, innovation, and community engagement. I'm developing outreach initiatives that inspire collaboration and policy-oriented solutions.

YCAP Facilitator - UBC Sustainability Hub

Jan 2025 - Current

Youth Climate Ambassadors Project (YCAP) is an initiative consisting of climate storytelling workshops in high school classrooms and other community settings, where the goal is to foster hope and agency by empowering participants with the knowledge, resources, and confidence to become "Climate Ambassadors" in their own communities.

Board Member - Out On The Shelves

May 2024 - Current

Part of the core steering team responsible for the upkeep of the Library, primarily focusing on the seed library and events. Curates donations of seeds to best serve community-specific needs and hosts events to cultivate a sense of community.

Elected Director - Roots on the Roof

Apr 2022 - Current

As the Elected Director, I organise the garden to ensure strong output, reliably growing over 1300 pounds of produce for my community a year. I am also the outward face of the organisation, creating collaborations and fostering a stronger community focused on One Health principles.

EDUCATION**University of British Columbia****Bachelor of Science: 2021-2025**

Major in Global Resource Systems – Veterinary Policy

Minor in German Language and Culture

Certificate in Climate Studies and Action

Certificate of Catalyst Lead

University of British Columbia**Master of Science: 2025-2027**

Population and Public Health

Focus – Developing Rodent Impact Indices

CERTIFICATES

ArcGIS Online Basics - Jul 2025

Johns Hopkins University: One Health Investigations of Outbreaks and Spillover Events - June 2025

UN FAO Introduction to One Health - Jun 2025

Marketsafe - Jan 2025

Serve It Right - Aug 2023

PUBLICATIONS AND PRESENTATIONS

Hilbert, C. (2024, June 22). Aggregate Cooperatives - A Solution for Food Sovereign Communities. Global Student Farm Symposium. Online.

Chardon, N. I., Stone, P., Hilbert, C., MacLachlan, T., Ragsdale, B., Zhao, A., Goodwin, K., Collins, C. G., Hewitt, N., & Elphinstone, C. (2023). Species-Specific Responses to Human Trampling Indicate Alpine Plant Size Is More Sensitive than Reproduction to Disturbance. *Plants*, 12(17), 3040.
<https://doi.org/10.3390/plants12173040>

Hilbert, C., Stone, P., & Chardon, N. I. (2023, March 18) Alpine Plant Responses to Increases in Human Trampling Disturbance in the Nch'kay Region (Garibaldi Provincial Park). UBC Multidisciplinary Undergraduate Research Conference. Vancouver, BC, Canada.

Hilbert, C., Stone, P., & Chardon, N. I. (2022, December 12) Alpine Plant Responses to Increases in Human Trampling Disturbance in the Nch'kay Region (Garibaldi Provincial Park). BC PARF, Nanaimo, BC, Canada.

Hilbert, C., Woods, B. (2022, March 19) THE EFFECT OF STRUCTURAL ENRICHMENT IN MALE MICE: A SYSTEMATIC REVIEW. UBC Multidisciplinary Undergraduate Research Conference. Vancouver, BC, Canada.

SKILLS & PROFICIENCIES

- ❖ Works effectively independently and in a team environment
- ❖ Efficiently gather, record, and organise information
- ❖ Adept use of MS Word, Excel, PowerPoint, Covidence, scientific databases and web
- ❖ Strong systematic literature review skills
- ❖ Can effectively manage multiple tasks and priorities
- ❖ Prioritises and works under pressure to meet deadlines without compromising quality
- ❖ Liaisoning between stakeholders
- ❖ Extensive volunteering management skills and experience
- ❖ Basic knowledge of R
- ❖ Full driver's license
- ❖ Strong manuscript writing skills
- ❖ Excellent science communication
- ❖ Intermediate field identification skills

AWARDS

- ❖ Winner of AMS Best Sustainable Club (2025)
- ❖ Winner of the UBC International Community Achievement Award (2024)
- ❖ Winner of AMS Best Sustainable Club (2023)
- ❖ Nominated for AMS Best Sustainable Club (2024)
- ❖ Winner of the Bruce MacDonald Horticulture Travel Scholarship (2024)
- ❖ Sponsorship to Advancing Women in Agriculture Conference (2022-2025)
- ❖ Awarded 'Highest Impact' for council work focused on improving student life (2022)

FUNDING AWARDED

- LFS student worker fund (12000 CAD over two years to fund a part time student worker for a worthy cause)
- Sustainable Community Fund (8000 CAD)