

CONNECTING FOR THE FUTURE: A One Health Approach for UFV

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Overview of the One Health Approach

- Emerged from links between human and animal health, agriculture, and rising zoonotic disease like SARS, COVID, and HIV
- Studies complex issues across disciplines to achieve the best outcomes for human, animal, and ecosystem health
- Links seemingly diverse areas of study framing wellness as a holistic result where humans, animals, and environment thrive together
- Proactive approach to improve overall system health

One Health and Universities and Canadian Examples

Universities are key actors in a One Health approach, and have been implemented at a selection of universities in Canada (University of Guelph, Calgary, and Saskatchewan), and elsewhere. A comprehensive map of global examples is available from the [Global One Health Commission](#).

Four key areas of focus for universities enacting One Health:

1. Curriculum Integration
2. Interdisciplinary Research and innovation
3. Outreach and Awareness
4. Campus Sustainability

One Health and the Indigenous Lens

UFV is well positioned to add to an understudied and important component of the One Health story. The intersection of Indigenous worldviews and One Health.

Hillier et al, (2021) "Examining the concept of One Health for Indigenous communities: A systematic review" explored the alignment between One Health and Indigenous systems of health and wellness.

Overall, there is an unmet conversation to be had re: One Health that might involve expanding on work to embed indigenous knowledge within the existing disciplines that make up One Health as a concept.

One Health at UFV, steps to join the growing community:

1. Set up a One Health Task Force based out of the provost's office.
2. Identify an actor network within UFV, including traditional One Health subjects, and more imaginative partners.
3. Identify aligned researchers and research directions.
4. Explore how One Health could be reflected in UFV curriculum, including potential expansion or creation of new programs.
5. Identify fund-raising goals and capital projects to support a One Health approach.
6. Identify industry and community partnerships and important regional supports.

One Health Funding Directions, potential funding and advancement:

1. A Life Sciences building in Chilliwack that becomes the physical heart of the One Health initiative.
2. Funding for institutes and centers in aligned areas, including new initiatives in Agriculture.
3. Short-term faculty One Health chairs funded through packages of course release.
4. Funding for Indigenous work in the area of One Health.
5. A dedicated One Health research and engagement fund.