



Orca Inquiry Researcher Profile

Name

Jasper Kanés (they/them)

Job Title

Junior Staff Scientist

Years of Experience

10 years

Greatest Scientific Accomplishment

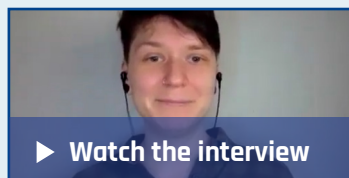
Finishing and defending a 94-page graduate thesis on Pacific white-sided dolphin vocalizations at Barkley Canyon.

Hobbies

Dancing, rock climbing, art, costuming

Super Power

Learning new things



▶ Watch the interview

Glossary

Anthropogenic noise: Human-made sounds

Persistent-organic pollutants: A class of pollutants from a variety of sources that are fat soluble and stay in the environment for decades after being released. They include chemicals such as PCBs, PBDEs, and flame retardants.

IN PARTNERSHIP WITH:



My role at Ocean Networks Canada

My role is to help other research scientists in the world use the data collected by Ocean Network Canada's observatories. Through this work, I am able to help scientists understand ocean soundscapes (marine mammal and fish sounds, ambient noise, anthropogenic noise, etc).

My typical day goes like this

- Check emails
- Meetings with other scientists who have cool questions they want to answer with our data
- Looking at audio data to find and note calls from different animal species
- Read new publications
- Work on publications

Other tasks

- Attend and present at international and national conferences
- Community events (e.g. Pacific Rim Whale Festival, Idea Fest, etc.)

Inquiry Connection

In your opinion, what needs to be considered when creating a plan to manage orca habitat?

I think that there are a lot of factors. Probably the most important thing to consider is the exponential effect of the combined pressures of lack of food (Chinook salmon), **persistent organic pollutants** that are fat-soluble and released into the bloodstream during starvation periods, and **anthropogenic noise** which makes finding food even harder.

How do you think we should manage orca habitat?