



# SCIENCE UNCORKED PNW

## Pairing Wine with Science!

Deborah A. Giles, PhD, Killer Whale Scientist  
The SeaDoc Society

Utilizing non-invasive research techniques, such as a scent detection dog to locate floating whale feces and using drones to collect whale breath droplets, SeaDoc's research reveals how nutrition, stress, and manmade chemicals intersect to influence the survival of the Southern Resident killer whales.

From on-the-water field research to collaborative conservation science, Giles will share how cutting-edge, non-invasive science is helping researchers better understand the physiological health – and mounting challenges – facing the iconic whales of the Salish Sea.

The SeaDoc Society works to ensure the health of marine wildlife and their ecosystems through science and education. We strive to find science-based solutions for the Salish Sea through a multi-species approach.

## The Barnacle



249 Prune Aly, Eastsound WA 98245

April 22, 2026 | 5 PM Meet & Mingle | 6pm Program

