

## Hormones, Heft & Health in Humpback Whales

By Dr. Adam A. Pack

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**Date: Wednesday 22<sup>nd</sup> April 2026**

**Time: 3:30 PM**

Format: Hybrid

In Person at TMSI Conference Room, S2S Building  
Level 1, 18 Kent Ridge Road, Singapore 119260

Host: Dr. Matthias Hoffmann-Kuhnt

**To Register:** <https://nus->

[sg.zoom.us/webinar/register/WN\\_ft9X8BAGSNqcpw9Cnbubag](https://nus-sg.zoom.us/webinar/register/WN_ft9X8BAGSNqcpw9Cnbubag)



### **ABSTRACT:**

Humpback Whales (*Megaptera novaeangliae*) are one of the most recognized and well-studied marine mammals on earth. From their record-breaking migrations, impressive vocalizations and striking aerial displays, and as apex predators feeding on both small schooling fish and krill, they are also bellwethers for the health of our oceans. Yet, fundamental questions remain about their mating system.

Dr. Pack will present his latest research exploring how concentrations of reproductive and metabolic steroid hormones — together with measurements of body size and body condition in male and female humpback whales — are providing insights into the humpback whale mating system. He will also share how male song may contain acoustic characteristics that can inform a listening whale of that male's physical and reproductive health.

### **About the Speaker:**

Dr. Adam A. Pack is a Professor in Psychology and Biology at University of Hawai'i at Hilo and Co-Founder and President of The Dolphin Institute. He has been leading annual field studies of humpback whales in their Hawaiian breeding grounds and Alaskan feeding grounds since 1995, continuing one of the longest ongoing scientific studies of humpback whales in the world. His findings have been presented in many scientific publications as well as in the recent documentaries such as the "Mystery of the Humpback Whale Song" and "Humpback Health."