



## CALENDAR ANNOUNCEMENT

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**FOR IMMEDIATE RELEASE**  
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### **HAWAIIAN ISLANDS HUMPBACK WHALE NATIONAL MARINE SANCTUARY HOSTS LECTURE “Humpback Whale Sounds: How Do You Study Them, and What Do They Tell Us?”**

Whales live in a world of sound. How do we study them and learn about their communications? Jessica Chen is a PhD student at the University of Hawai‘i at Mānoa in the Marine Mammal Research Program. She has been studying humpback whale songs along the Hawaiian Island chain, song occurrence around Kaua‘i, and mother-calf communications. While on Maui, Jessica is studying the humpback whales (*Megaptera novaeangliae*) mother-calf vocal communication during growth and development. Suction cup acoustic tags and a vertical hydrophone array are deployed to study the vocalizations of these mother-calf pairs. In addition, snorkelers use a video and laser system to determine the size of the animals to estimate age and link it to vocalizations. Join us to learn about this fascinating area of whale research.

**WHAT:** Sanctuary Lecture Series

**WHEN:** Thursday, March 6, 2014 from 6:00 p.m. to 8:00 p.m.

**WHERE:** Kīhei Conference Room, 726 S. Kīhei Rd.

**WHO:** Hawaiian Islands Humpback Whale National Marine Sanctuary

The sanctuary is administered by a partnership of NOAA’s Office of National Marine Sanctuaries and the State of Hawai‘i through the Department of Land and Natural Resources (DLNR). The sanctuary works to protect humpback whales through research, education, conservation and stewardship. Join us on [Facebook](#).

NOAA’s mission is to understand and predict changes in the Earth's environment, from the depths of the ocean to the surface of the sun, and to conserve and manage our coastal and marine resources. Join us on [Facebook](#), [Twitter](#) and our other [social media channels](#).

DLNR’s mission is to enhance, protect, conserve and manage Hawaii’s unique and limited natural, cultural and historic resources held in public trust for current and future generations of visitors and the people of Hawaii nei in partnership with others from the public and private sectors. Join us on [Facebook](#).

#### **On the Web:**

Hawaiian Islands Humpback Whale National Marine Sanctuary: <http://hawaiiumpbackwhale.noaa.gov>

NOAA Office of National Marine Sanctuaries: <http://sanctuaries.noaa.gov>

State of Hawai‘i Department of Land and Natural Resources: <http://dlnr.hawaii.gov/>