



# 学术报告

ACADEMIC LECTURE

报告: **Marine Mammal Research Overview**

时间: **2014年4月15日上午10:00**

地点: **信电楼215会议室**

报告人: **Dr. Paul E. Nachtigall**

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Opportunities to study marine mammals were provided at the US Naval Ocean Systems Center and the University of Hawaii. This talk will summarize an examination of basic motivation in the bottlenose dolphin demonstrating that food deprivation with time did nothing to increase motivation but that dolphin work rates were closely tied to animal body weights. Thin animals work faster, but animals that are too thin are not healthy. As can be seen on the U.S. Navy website, dolphins were used for pier protection and for mine hunting and neutralization. The U.S. Navy Lab (The Naval Ocean Systems Center) was closed in 1993 allowing the set up of the Marine Mammal Research Program at the University of Hawaii on Coconut Island. While at the University of Hawaii the emphasis has been on studying animal hearing and echolocation. This led to the development of the examination of dolphin and whale hearing through evoked auditory potentials.