

Hawaii's Dynamic Ocean: Hawaii Ocean Observing System Lecture Series
August- November 2008 and February 2009
Outrigger Waikiki (2335 Kalakaua Ave), 2nd Wednesday
6pm, Kalakaua Room **Please note new location******

August 13, 2008

Dr. Geno Pawlak, Associate Professor, Dept. of Ocean and Resources Engineering, UH-Manoa
The Kilo Nalu Reef Observatory: A Window into Hawaii's Coastal Environment

The Kilo Nalu Reef Observatory on the south shore of Oahu provides a window into Hawaii's coastal ocean environment. Come learn how we are using a combination of in-ocean instruments, ships and free-swimming autonomous underwater vehicles (AUVs) to measure waves, currents and water quality and how this affects the everyday lives of Hawaii's residents and visitors.

September 10, 2008

Dr. Eric Heinen De Carlo, Professor, Dept. of Oceanography, UH-Manoa
How Local Rain Events Affect Greenhouse Gas in the Atmosphere

The land, oceans, and atmosphere are intimately connected. Monitoring buoys in Kaneohe Bay and Waikiki are providing new information about these connections. Learn how local rain events and microscopic life forms can impact carbon dioxide (CO₂), an important greenhouse gas, around the world.

October 8, 2008

Dr. Kim Holland, Researcher, Hawaii Institute of Marine Biology, UH-Manoa
Tracking Tuna and Sharks Around Hawaii and the Pacific

Find out how far fishes and sharks travel in the Pacific Ocean and which habitats they prefer. Some animals travel further than we thought, while others don't move as much as we expected. The more we understand about these important marine animals, the better equipped we are to sustainably manage the ocean's living resources.

November 12, 2008

Dr. Marc Lammers, Assistant Researcher, Hawaii Institute of Marine Biology, UH-Manoa
EARs in the Sea: What listening to shrimp, fish and whales can tell us about their world

Sounds are an important part of the marine environment. Listening to the sounds produced by many species of fish, mammals and invertebrates can tell us much about what is happening in their world. Join us on an acoustic journey of snaps, crackles and pops and find out what they are telling us about life in the ocean.

February 11, 2009

Dr. Grieg Steward, Assistant Professor, Department of Oceanography, UH-Manoa
Water Quality and Health of Hawaii's Coastal Recreational Waters

Bacteria and viruses are the most abundant and widespread life forms on our planet and our coastal waters are teeming with these microbes. Fortunately, only a small proportion of these have the potential to be harmful to humans. A great challenge in monitoring water quality and safety is detecting the very few bad among the many good microbes.

For further information, contact:

- Marcie Grabowski, Educational Outreach Coordinator, Hawaii and Pacific Islands Ocean Observing System, University of Hawaii - Manoa (808) 956-6556, mworkman@hawaii.edu
- Marylou Foley, Outrigger Hotels (808)924-6040, Marylou.foley@outrigger.com