



**PAPA HĀNAUMOKUĀKEA**  
**Marine National Monument**

*A World Heritage Site*

# **NOAA ONMS Update**

## **January 14 – April 14, 2017**

Presented to the NWHI Coral Reef Ecosystem Reserve Advisory Council  
Presented by: Athline Clark, NOAA Superintendent  
May 4, 2017





# AGENCY COORDINATION



# Hawaiian Monk Seal Population on the Rise: Year of the Monk Seal Declared



*PMNM partners including the U.S. Coast Guard, FWS, the State of Hawai‘i, ONMS and NOAA Fisheries attend the announcement of the Year of the Monk Seal.*



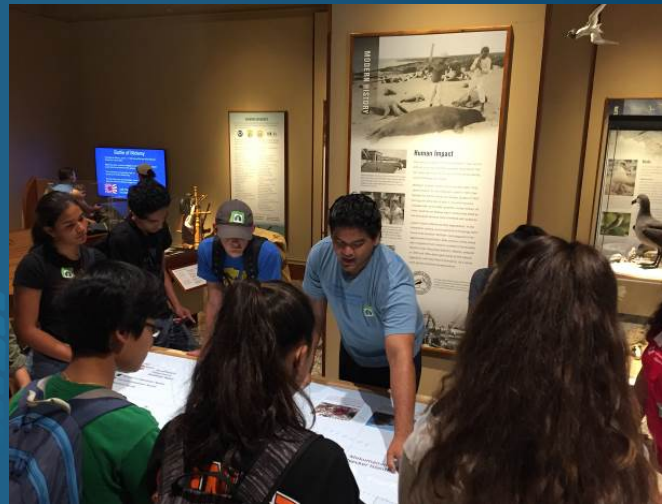
# CONSTITUENCY BUILDING & OUTREACH



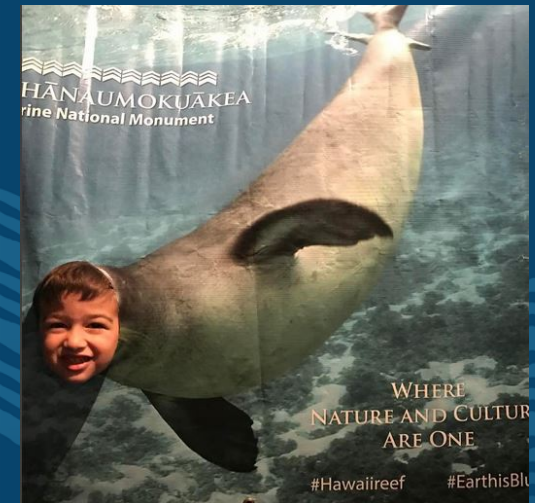
# Outreach Events at Bishop Museum and Waikīkī Aquarium



*Left: PMNM staff teaches kids about the NWHI and facilitate a Shipwreck Scavenger hunt activity at Waikīkī Aquarium 113<sup>th</sup> Birthday Celebration*



*Right: PMNM staff shares about the NWHI with visitors at the Journey's exhibit at Bishop Museum. A visitor enjoys the PMNM photobooth*



# Agencies Remove Estimated 100,000 Pounds of Marine Debris from Papahānaumokuākea Marine National Monument



*Above: NOAA team collects marine debris.  
Right: marine debris is gathered at the IRC. Senator Schatz recognizes the collaborative efforts in addressing marine debris in Hawai‘i*



# EDUCATION

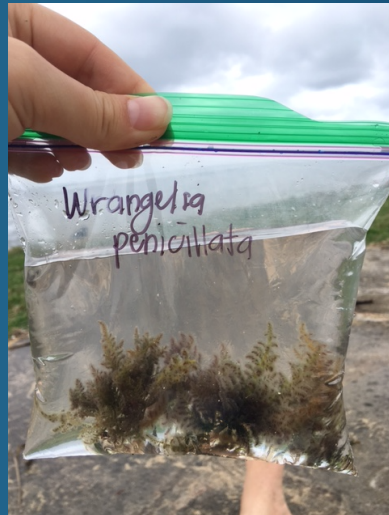




*Hau'ula Elementary Pūnana Leo o Ko'olau Loa students listen to an introduction to James Campbell National Wildlife Refuge.*



*Left: Wai'anae Intermediate Students gather within Ka'ena Natural Area Reserve. Below: The six outcomes of the Nā Hopena A'ō ("HĀ") framework.*



*Above: Limu specimens collected at Hau'ula Beach Park and an identified and labeled limu specimen.*







# MOKUPĀPAPA DISCOVERY CENTER HIGHLIGHTS



# Mokupāpapa Discovery Center

*Right: Japanese students make gyotaku fish prints and learn about the NWHI.*

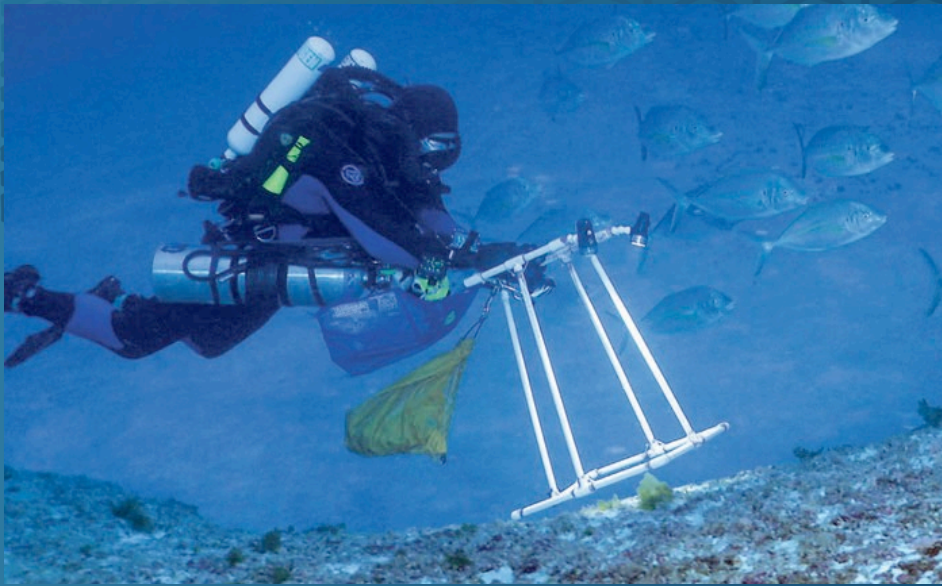


*Left: UHC students explore Onekahakaha tide pools and practice their science observation and data collection skills.*



# FIELD & RESEARCH





*Photo in Alert Diver features PMNM rebreather diver Brian Hauk as he photographically documents benthic algae and coral.*



*Left and above: PMNM Divers conduct Deep Reef Research in American Samoa. PMNM rebreather diver conducts fish survey on deep reefs in American Samoa. Left: PMNM and Bishop Museum divers process invertebrate samples.*

# PMNM Dive Team Recognized for Safe Advancements in Deep Technical CCR



*Above: PMNM UDS Jason Leonard holds the NDP team achievement award with famed cave and rebreather diver Jill Heinerth (left) and NOAA Diving Program Manager Greg McFall (right). Far left: PMNM Dive Team award. Left: PMNM CCR decompression stop with safety divers.*

## Staff Changes:

### New Hires:

Caroline Jackson, Administrative Assistant II

Stephen Matadobra, Science Operation Associate

Kaliko High, Mokupāpapa Discovery Center Education Specialist

### Departures:

Tiane McNeil, Administrative Assistant II

## Calendar:

- Hanauma Bay Lecture Series – Hanauma Bay, Oahu.

Every Thursday evening during the month of May

- Manu O Ku Festival – Coronation Grounds of the 'Iolani Palace, Oahu.

May 20, 2017 11am-3pm

- Battle of Midway Reception – Pacific Aviation Museum, Pearl Harbor.

May 31, 2017 5-7pm

- North Shore Ocean Fest, World Oceans Day - Turtle Bay Resort, Oahu.

June 3, 2017

- World Ocean's Day Celebration – Ko Olina Resort, Oahu.

June 10, 2017 4-9pm

# Mahalo!

