

# Thirty-Third Annual Marine Option Program

## Symposium Presentations

Saturday, April 16, 2016 8:30am-5:00pm

Honolulu Community College, Building 2 Room 201

8:30 am      **Registration and Continental Breakfast**

9:10 am      **Welcoming Remarks**

- Mr Will Smith, MOP Coordinator, Honolulu Community College
- Dr Cynthia Hunter, MOP Director
- Dr Michael Ferguson, Chair Math & Natural Sciences, HonCC
- Dr Erika Lacro, Chancellor, Honolulu Community College

9:40 am      **Keynote Address: “Underwater Focus” Keoki Stender**

---

### Session I

Host –Jeff Kuwabara, University of Hawai’i Mānoa MOP

10:00 am      **RESEARCH IN REMOTE LOCATIONS: KIRITIMATI, KIRIBATI**  
Sean Dimoff, University of Hawai’i at Mānoa - Internship

10:15 am      **EXPOSURE TO MARINE MICROBIAL RESEARCH AS A SEAGOING  
OCEANOGRAPHIC ASSISTANT**  
Natalie Nicole Dornan, University of Hawai’i at Mānoa - Internship

10:30 am      **HAWAIIAN ISLANDS HUMPBACK WHALE NATIONAL MARINE  
SANCTUARY OCEAN COUNT INTERNSHIP**  
Carly Maliglig\*, Daniela Casillas\*, Victoria Landin, University of Hawai’i at  
Mānoa - Internship

10:45 am      **UH MANOA DIVING SAFETY OFFICE INTERNSHIP: THE  
DEVELOPMENT OF A UH SCIENTIFIC LEADER AND DIVE  
MASTER PROGRAM**  
Megan Russell\*, Rebecca Weible\*, University of Hawai’i at Mānoa -  
Internship

11:00 am      **15 minute Break**

---

## Session II

Host – Steven Colbert, University of Hawai'i at Hilo MOP

- 11:15 am     **SHELL COLOR POLYMORPHISM IN MARINE GASTROPOD  
*MITRELLA FUSIFORMIS***  
Mikayla Jones\*, University of Hawai'i at Hilo - Research
- 11:30 am     **WHAT GROWS IN HILO BAY, HI, WHEN DIATOMS ARE INHIBITED**  
Anna Baker Mikkelsen, University of Hawai'i at Hilo - Research
- 11:45 pm     **CORAL DISEASE AND COMMUNITY STRUCTURE THROUGH OUT  
THE NORTHWESTERN HAWAIIAN ISLANDS**  
Kailey H. Pascoe, University of Hawai'i at Hilo - Research
- 12:00 pm     **BIOLOGICAL FILTRATION SUPPORT FOR HAWAIIAN NEAR SHORE  
ECOSYSTEM AQUARIUM**  
Ashley Pugh, University of Hawai'i at Hilo - Research
- 12:15 pm     **RESTORING THE REEF, ONE CORAL AT A TIME: INTERNSHIP WITH  
CORAL RESTORATION FOUNDATION AND OCEAN REEF CLUB**  
Jenna Budke, University of Hawai'i at Hilo – Internship
- 12:30 pm     **Concurrent Lunch, Poster Sessions, Greenhouse/Aquaculture Tour**

## Posters           Loui Conference Room 201

### **THE IMPORTANCE OF MARINE EDUCATION**

Jade Austin, University of Hawai'i at Mānoa - Internship

### **SUSTAINABLE COASTLINES HAWAI'I; A MORE SUSTAINABLE FUTURE THROUGH HANDS ON BEACH CLEAN UPS**

Laura Bailes, University of Hawai'i at Mānoa - Internship

### **NATURAL RESOURCE MANAGEMENT IN THE PU'U KUKUI WATERSHED IN WEST MAUI, HAWAI'I**

Angelica Melone, University of Hawai'i at Mānoa - Internship

### **LINKING INVASIVE SPECIES IN THE INTERTIDAL WITH ANTHROPOGENIC INPUTS**

Esei Tellei, University of Hawai'i at Mānoa - Research

---

## Session III

Host – Dave Krupp, Windward Community College MOP

- 1:15 pm      **GYOTAKU FROM HAWAIIAN SILICON FISH CAST USING A SMOOTH CAST METHOD**  
Samantha Shipley, Windward Community College - Internship
- 1:30 pm      **MOTION DETECTION SECURITY SYSTEMS IN AQUACULTURE RESEARCH FACILITIES AND FURTHER APPLICATIONS**  
Madori Rumpungworn, Windward Community College - Research
- 1:45 pm      **Title Pending**  
Heather Konrad, Windward Community College - **Internship**
- 2:00 pm      **A VOICE FOR THE MARINE NATIONAL MONUMENT**  
Alexander Lau, University of Hawai'i at Hilo - Internship
- 2:15 pm      **15 minute Break**

---

## Session IV

Host –Alyssa Haygood, Leeward Community College MOP

- 2:30 pm      **VOLUNTEER INTERNSHIP WITH AMIGOS DE BOLSA CHICA: SEASONAL OCCURRENCE OF *PSEUDONITZSCHIA* AND *ALEXANDRIUM* GENERA**  
Kelsey Reimer, University of Hawai'i at Hilo - Internship
- 2:45 pm      **SUB-CANOPY NUTRIENT ACCUMULATION WITHIN *GRACILARIA SALICORNIA***  
Caroline Greenwood, University of Hawai'i at Mānoa - Research
- 3:00 pm      **SEAWORDS, THE MARINE OPTION PROGRAM NEWSLETTER; WHERE IT'S BEEN AND WHERE IT'S AT**  
Camra Hopper, University of Hawai'i at Mānoa - Internship
- 3:15 pm      **IDENTIFYING SEAFOOD FRAUD IN HONOLULU**  
Kevin Morris, University of Hawai'i at Mānoa - Research
- 3:30 pm      **THE CARE OF INJURED AND/OR SICK SEA TURTLES AT CLEARWATER MARINE AQUARIUM**  
Roxanna Saadatzadeh, University of Hawai'i at Mānoa - Internship
- 3:45 pm      **Break and Judges Deliberation (30 min)**