



# PICSC Student Research Symposium Agenda

April 18, 2017, Hyatt Regency Hotel, Tumon, Guam

9:00	Introduction	John Peterson	University Consortium Lead, University of Guam
9:05	Welcoming Remarks	Dave Helweg	PI-CSC Federal Director, USGS
<b>Time</b>	<b>Student</b>	<b>Affiliation</b>	<b>Research Project Title</b>
9:20	Nathan DeMaagd	UH Mānoa	Econometric modeling of the maximum sustainable yield of the Pearl Harbor aquifer
9:35	Kaylyn Bautista	UOG	Groundwater Percolation in Northern Guam: Insights from Jinapsan Cave
9:50	Erin Miller	UOG	Tracking climate variability through chloride concentration in municipal production well histories of the Yigo-Tumon basin, NGLA
10:05	Kamala Anthony & Cherie Kauahi	UH Hilo	Understanding changes in hydrology and primary productivity within three Hawaiian fishponds in Keaukaha, Hawai'i.
10:30	<b>Break</b>		
10:45	Louise Economy	UH Hilo	Rainfall driven shifts in <i>Staphylococcus aureus</i> in Hilo Bay, Hawai'i
11:00	Theresa Dean	UH Mānoa	Planning for sea level rise: Increasing rural O'ahu coastal community resilience by addressing on-site wastewater management
11:15	Shellie Habel	UH Mānoa	Simulations of groundwater inundation induced by sea-level rise and high tides reveal widespread flooding in the Waikiki area on O'ahu, Hawai'i
11:30	Rose Hart	UH Hilo	Shoreline change analysis at three different coastal geomorphologies on Hawai'i Island
11:45	Lindsay Veazey	UH Mānoa	Managing for local stressors critical to coral reef ecosystem health and goods and services delivery
12:00	<b>Lunch</b>		
1:00	Joanna Norton	UH Hilo	Can albizia mulch be used on agricultural land to replace fertilizer, improve agro-ecosystem functioning, and provide climate change mitigation and resilience?
1:15	Phil Cruz	UOG	Understanding the resiliency of small businesses on small islands to a changing climate
1:30	Kilika Bennett	UH Mānoa	Kilo Lani: Reconstructing climate patterns in Hawai'i
1:45	CJ Flores	UOG	Culturally relevant educational resources and lesson plans on climate science in Guam
2:00	<b>Break</b>		



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## ***Plenary Discussions***

2:15

### **Q&A with special guest Xavier Matsutaro**

What are some of the challenges managers face and what is their advice to emerging scientists?

3:15

### **Plenary: Current work being conducted in Micronesia**

What are some of the possible pathways emerging for future scientific work in the region?

3:20 Peter Houk

Asst. Professor of Marine Biology, UOG Marine Lab

3:25 Wendy Miles

Adaptation Initiatives Project Manager, PICCC

3:30 Mark Lander

UOG lead of Pacific ENSO Applications Center, WERI

3:35 Adrienne Loerzel

Coral Management Liaison and Coastal Specialist, The Baldwin Group (TBG) for NOAA's Office of Coastal Management, Guam

3:40 Jesse Cruz

Director of EMAS, Guam Environmental Protection Agency

3:45 Q&A

4:00 Networking session