

## University of Hawai'i at Mānoa

Noelani Puniwai-Ganoot, Ph.D.

### Professional Preparation

University of Hawai'i at Hilo	Geography Postdoc, 2014-2016
University of Hawai'i at Mānoa	Natural Resources and Environmental Management Ph.D., 2014
Washington State University	Environmental Science M.Sc., 2003
University of Hawai'i at Hilo	Marine Science B.A., 2000

### Professional Appointments

<i>University of Hawai'i at Mānoa</i>	Assistant Professor, Kamakakūokalani Center for Hawaiian Studies	2016 -
<i>University of Hawai'i at Hilo</i>	Coordinator, Pacific Internship Programs for Exploring Science	2009-2014

### Courses Taught

Hawaiian Studies 457	Fall 2017
Hawaiian Studies 356	Fall 2017
Hawaiian Studies 207 (WI)	Fall 2017
Hawaiian Studies 499	Fall 2017
Hawaiian Studies 460	Spring 2017
Hawaiian Studies 207	Spring 2017
Hawaiian Studies 650	Fall 2016

### Publications

Puniwai, N., Gray, S., Lepczyk, C., \*Kapono, A., & Severance, C., (2016). Mapping Ocean Currents through Human Observations: Insights from Hilo Bay, Hawai'i. *Human Ecology*, DOI. 10.1007/s10745-016-9822-0 44(3), 365-374.

Puniwai, N., Canale, L., Haws, M., Potemra, J., Lepczyk, C., & Gray, S. (2014). Development of a GIS-based tool for aquaculture siting. *ISPRS International Journal of Geo-Information*, 3(2), 800-816.

Alessa, L., Kliskey, A., Meyers, M., Veazy, P., Gray, S., Puniwai, N., Shanahan, L., Jensco, K., Galindo, E., Gosz, J., Anderson, J., Smith, A. (2013). Community Based Observation Networks (CBON's) for Arctic Adaptation and Security. Arctic Observing Summit. White Paper. [http://www.arcticobservingsummit.org/users/white\\_papers.php](http://www.arcticobservingsummit.org/users/white_papers.php)

Bruno, BC., Tice, KA., Puniwai, N., & \*Achilles, K. (2011). Ocean acidification: hands-on experiments to explore the causes and consequences. *Science Scope*, 34:23-30.

### **Ongoing Research Support**

Puniwai, N. *Seascape Identities: Values and Cultural Patterns in our Relationship to Kanaloa*. UH Mānoa (Vice Chancellor for Research) 2016-2018 \$29,000

Ostertag, R. and N. Puniwai. *Research Experience for Undergraduates Site: Conservation Science in Hawaiian Ecosystems*. National Science Foundation 2015-2018 \$356,579

### **Completed Research Support**

Puniwai, N. and H. Perry. *Mānowai o Hanakahi Marine Conservation and Training Project*. NOAA National Marine Fisheries Service 2016-2017 \$14,924

Puniwai, N. *Coastal Seascapes of Hawai'i*. USGS Pacific Islands Climate Science Center 2014-2016 \$156,000

### **Presentations/Conferences**

2017 Puniwai-Ganoot, N., 'Āina Faculty Panel – Facilitator and Presenter along with Beamer, K., Vaughan, M., Tengan, T., Medeiros, M., and Frank, K. Lā Hui Hawai'i Research Center Conference, (September)

Puniwai-Ganoot, N., Kame'elihiwa, L., Beamer, K., Kikilo, K., Akutagawa, M. *Kamakūokalani - Mālama 'Āina and Mālama Honua Academic Pathways*. Hawai'i Conservation Conference, Honolulu, HI. Abstract ID 0227 (July)

\*Pihana, H., Puniwai-Ganoot, N., \*Costa, M., *Nā Wa'a Mauō The canoes in which sustain us, the application of wa'a kaukahi and wa'a kaulua, single-hull and double-hull canoes, in marine resource management, scientific research, and outreach education conducted throughout the Hawaiian Islands*. He Manawa Whenua Indigenous Research Conference, Hamilton, New Zealand. (March)

2016 Puniwai, N. and C. Parrain. *Seascape Identities; Understanding Values and Cultural Patterns*. 13<sup>th</sup> International Coral Reef Symposium, Honolulu, HI. Abstract ID 29278

2015 \*Kung, S., and N. Puniwai. *Cultural Seascapes of Keaukaha, HI*. International Conference on Coastal and Marine Tourism, Waikoloa, HI

\*Kauahi, C., and N. Puniwai. *Projections of Surf Quality with Climate Change*. International Conference on Coastal and Marine Tourism, Waikoloa, HI

Puniwai, N., Gray, S., and Lepczyk, C. *Hawai'i's Cultural Seascapes: Perspectives from Paddlers and Surfers in Hilo Bay*. Hawai'i Conservation Conference, Hilo, HI.

Puniwai, N. *Human Observations of Physical Seascapes*. Hawai'i Ecosystem Meetings (Vitousek Talks). Hilo, HI

- 2014 Puniwai, N., \*Kapono, A., Gray, S., Lepczyk, C. *Hawaiian Cultural Seascapes: Perspectives from Paddlers and Surfers in Hilo Bay*. 20<sup>th</sup> International Conference of the Society for Human Ecology, Bar Harbor, ME
- Puniwai, N., \*Kapono, A., Gray, S., Lepczyk, C., & Severance, C. *Hawaiian Cultural Seascapes: Perspectives from Paddlers, Fishers, and Surfers in Hilo Bay*. Pathways to Success 2014, Human Dimensions of Natural Resources, CO
- \*Kauahi, C. and N. Puniwai. *Surf Quality in Hilo Bay as Influenced by Climate Change*. Ocean Sciences Meeting: American Society of Limnology and Oceanography, Honolulu, HI.
- Puniwai, N. *Hawaiian Seascapes*. Poster Presentation. Ocean Sciences Meeting: American Society of Limnology and Oceanography, Honolulu, HI.
- 2013 Puniwai, N., Ziegler-Chong, S., Ching, M. *Pacific Internship Programs for Exploring Science*. Council on Undergraduate Research: Research Experiences for Undergraduate Students. Virginia
- Puniwai, N., Ching, M., and Perry, H. *Pacific Internship Programs for Exploring Science, UH Hilo and You!* Native Hawaiian Education Association Annual Conference. Kea'au, HI
- 2012 Puniwai, N. *Pacific Internship Programs for Exploring Science*. *Hawaii Science Teachers Association*