

SARAH E. DONAHUE

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SUMMARY

Enjoy working in the lab/conducting field work, get along well with fellow colleagues and learn skills quickly while completing tasks efficiently while paying close attention to detail.

Incoming Senior, studying Marine Biology, at Hawai'i Pacific University.

SKILLS

Languages

- English, Spanish, Swahili

Software

- Microsoft Word, Excel, PowerPoint, MatLab, Metric Conversions

Equipment

- Familiar with most equipment in the lab ranging from microscopes to dissection utensils to PCR.

LAB EXPERIENCE

SEPT-DEC 2013

STRI (Smithsonian Tropical Research Institute) LAB-PANAMA, *School for International Training*

- Worked in STRI Labs all throughout Panama learning to identify echinoderms and other species that live within live and dead corals of the Caribbean Sea and anatomy of fish and clams of the Pacific while performing dissections. Performed field work in mangroves, overfishing of sharks and the prevention of shark finning in Panama.

JAN-MAY 2014 INSTITUTE of MARINE SCIENCES/UNIVERSITY of DAR ES SALAAM-ZANZIBAR, TANZANIA, *School for International Training*

- Worked with turtle conservation and performed field work on mangrove crabs and how to identify individual species of crabs within both mangroves and a salt farm.

SEPT-DEC
2014

CELLULAR & MOLECULAR BIO LAB, *Hawai'i Pacific University*

- Worked with a broad range of equipment and perfected the use of burets, other basic measuring devices, centrifuges, DNA extraction, PCR and electrophoresis with various mediums and techniques.

SEPT-DEC

GENERAL OCEANOGRAPHY I LAB, *Hawai'i Pacific University*

- 2014 · Operated oceanographical equipment on the RV Kaholo. Learned how to navigate and use equipment such as EPIRBs, fathometers, CTDs, plankton nets, various corers, niskin bottles, etc.
- JAN-MAY 2015 ECOLOGY LAB, *Hawai'i Pacific University*
 · Acquired field experience surveying Hawaiian hermit crabs, coral reef habitats, and gained valuable insight with proper methods for scientific writing.
- JAN-MAY 2015 GENERAL OCEANOGRAPHY II LAB, *Hawai'i Pacific University*
 · Continued to work with field equipment on board RV Kaholo. Obtained knowledge and skills about collecting and identifying zooplankton and phytoplankton within Kaneohe Bay.
- SEPT 2014- Present PELAGICOS LAB, *Dr. David Hyrenbach, Hawai'i Pacific University at Oceanic Institute*
 · Perform necropsies of seabirds, collect measurements of Wedge tailed shearwater chicks at Black Point near Hawaii Kai, sorted Red Footed Booby diet samples, beginning genetic work on the prey from the diet samples.
- SEPT 2012- Present MARINE MAMMAL STRANDING PROGRAM, *Dr. Kristi West, Hawai'i Pacific University*
 · Perform necropsies of stranded on a hammerhead shark and marine cetaceans, currently sort plastic materials from pilot whale stomachs, organize and check freezers

FIELD EXPERIENCE

- SEPT-DEC 2013 David, Panama, *School for International Training - Independent Study*
 · Completed an independent study on the conservation of mangroves and sharks, mainly hammerhead species along Panama's Pacific coast in Chochea and Pedregal, in the province of David. The information was collected by interviewing local fishermen and going out on fishing trips to observe fishing habits and see where the sharks were being caught.
- JAN-MAY 2014 Pemba Island, Tanzania *School for International Training - Independent Study*
 · Completed an independent study on the comparison of crab and mangrove species diversity and abundance within the salt pans and mangroves of Kangagani, Pemba. Data was collected using transect and nested quadrats within mangal forest and the salt pans and counted/ collected crabs and took parameter measurements.
- MAY-JULY 2015 VOLUNTEER, *James Campbell Wildlife Refuge*
 · Helped prepare food and feed relocated albatross chicks and clean/ sanitize the containers/ utensils to be used the next day

JUNE 2015-
Present

OIKONOS ECOSYSTEM KNOWLEDGE, *Michelle Hester, Non-Profit Organization*

· collected Red Footed Booby diet samples and took bird measurements at the Ulupau Wildlife Management Area on Marine Corps Base Hawaii

EDUCATION

AUG 2008-
MAY 2012

High School Honors Diploma, *Greenway High School AZ*

SEPT 2012-CURRENT

Bachelor of Science in Marine Biology/Master of Science in Marine Biology, *Hawaii Pacific University HI*

SPRING 2011,
2012, SUMMER
2014

Took courses to help complete Bachelor of Science in Marine Biology/Master of Science in Marine Biology at HPU, *Glendale Community College AZ*

SUMMER 2014

Took courses to help complete Bachelor of Science in Marine Biology/Master of Science in Marine Biology at HPU, *Arizona State University AZ*

FALL 2013

Studied abroad in Panama and took courses to help complete Bachelor of Science in Marine Biology/Master of Science in Marine Biology at HPU, *School for International Training VT*

SPRING 2014

Studied abroad in Tanzania and took courses to help complete Bachelor of Science in Marine Biology/Master of Science in Marine Biology at HPU, *School for International Training VT*

*If you would like references for my experiences abroad, I would be more than willing to give you their information. Thank you for your time and consideration.