

Resume and Curriculum Vitae

Education

University of Hawai'i at Hilo: Fall 2021 to Spring 2023.

- Graduate student in the Tropical Conservation Biology and Environmental Science (TCBES) MS program, Internship Track.
- Focused on topics such as native plant restoration, traditional ecological knowledge, and community engagement with the South Kohala Coastal Partnership and affiliated groups.
- Hau'oli Mau Loa scholarship recipient.

University of Hawai'i at Mānoa: Fall 2009 to Fall 2014.

- Received a BA in Anthropology with a minor in Ethnobotany.
- Courses taken include Vascular Plant Systematics, Advanced Ethnobotany, Environmental Anthropology, Lā'au Lapa'au, and Mahi'ai Kalo.
- Graduated with Honors.

Employment

Center for Maunakea Services: November 2023 to Present.

Field technician on the plant restoration team. Work involves caring for native and endangered seedlings in our greenhouse, seed collection, hand-weeding, herbicide application, outplanting, and vegetation monitoring.

University of Hawai'i Sea Grant College Program, Peter Rappa Fellow: June to August 2023.

Worked under the mentorship of Dr. Beth Lenz to create internal and public guidance documents pertaining to local SciArt (collaborative science and art) engagement. Work involved creating a survey, assessing survey data, interviewing local artists and scientists, and creating final documents in Canva.

Pōhakuloa Training Area Cultural Resources Program: December 2017 to June 2021.

Job title: Cultural Resources Technician/ Cultural Resources Specialist

Work aimed at documenting and preserving cultural and historic materials and structures. Primary activities included walking field transects, cave exploration, excavation, bagging and labeling cultural materials, and site monitoring. Regular use of Trimble units and compass in field. Post-processed data with software such as Microsoft Word, Excel, and Adobe Illustrator. Helped lead outreach events.

Kupu EIP intern with the Natural Area Reserves Systems (NARS): October 2016 to August 2017.

Work included a variety of conservation-related tasks in outdoor settings, including treating invasive species with herbicide, outplanting native and endangered species, collecting seeds, setting pig snares, and building fences. Required daily ability to accurately identify native and invasive flora and fauna.

Kupu EIP intern with the Ko'olau Mountains Watershed Partnership (KMWP): October 2015 to August 2016.

Fieldwork took place in rough terrain in the Ko'olau mountains. Duties involved survey work, treating invasive species with herbicide and biocontrols, and using Rino Garmin GPS to navigate.

Colorado Environmental Management of Military Lands (CEMML): May 2015 to September 2015.

Job title: Archaeological Field Technician

Work took place within the Kahuku Training Area (KTA), O‘ahu. Job involved walking transects through rough terrain and dense vegetation, identifying historic and archaeological features, mapping and photographing features, and identifying invasive and native vegetation.

Barton Lab: October 2014 to December 2014.

Job title: Research assistant

Worked with Dr. Kasey Barton and fellow students assessing effects of herbivory and drought on native Hawaiian dryland plants. Duties included growing and transplanting seedlings, watering, prepping soil, assessing moisture levels, and weighing soil.

Hynson Lab: October 2014 to December 2014.

Job title: Research assistant

Worked with Dr. Nicole Hynson studying mycorrhizal relationships in soil samples from O‘ahu. Duties included microscopy, spore measurement, and prepping soil samples for DNA analysis.

Internships and Other Experience

Artistic Pursuits and Workshops: I work primarily with natural materials such as kapa (Hawaiian barkcloth), plant dyes, and earth pigments. Since 2017, I have taught numerous workshops with folks of all ages at locations such as the East Hawai‘i Cultural Center, Amy Greenwell Ethnobotanical Garden, and Donkey Mill Art Center.

Koobi Fora Field School: June 15th to July 26th, 2012.

Hosted by Rutgers University.

Worked in the Koobi Fora region of northern Kenya with fellow college students at various palaeoanthropological sites. Experience includes site survey, excavation work, vegetation surveys, and experimental archaeology.

Tell Timai Field School: June 8th to July 16th, 2011.

Headed by Dr. Robert Littman and Dr. Jay Silverstein.

Worked at Greco-Roman site Tell el-Timai in Egypt with fellow archaeology students.

Tasks included digging trenches, taking site levels, recording stratigraphy, excavating trenches, bagging and labeling finds, creating inventories, and both photographing and cleaning artifacts.

Publications

“Bast, Ferns, and Mud: Experimental Recreation of a Kapa Kaha (Barkcloth),” EXARC Journal, 2021.

Skills

Proficient in Microsoft Word, Excel, Adobe Illustrator, Photoshop, Canva, Esri StoryMap, and ArcGIS.