



# *Our Project in Hawai'i's Intertidal*

**OPIHI UNDERGRADUATE  
RESEARCH PROGRAM**

*Applications now being accepted for  
academic year 2021-2022*

*University of Hawai'i at Mānoa*



*Join us!*

**Submit an application  
today:**

[Click Here](#)

**Apply early to secure  
your spot!**

**@opihiprogram**





# About the program



## What is OPIHI?

OPIHI is a University of Hawai'i at Mānoa program that surveys intertidal and coastal habitats of Hawai'i. As an OPIHI intern, you will participate in multiple projects focused on Hawai'i's intertidal and coastal systems. Past projects have included ecology-based work, focused primarily on invertebrate and algal communities across O'ahu.



### RESEARCH EXPERIENCE

You will work with scientists and other students to engage in the entire scientific process—from writing a proposal to collecting data to sharing your findings. Students will be taught professional skills in science communication, learn marine ecology field research methods, and work with a diverse group of local scientists.

### PREVIOUS RESEARCH PROJECTS

- Invasive vs. native algae biodiversity
- Water quality, toxins in coral reef fishes
- Population structure and competition of intertidal crabs in a federal reserve
- Fishpond herbivory and feeding dynamics
- Coral recruitment and submarine groundwater discharge
- Native limu restoration

## Why apply?

- Get hands-on scientific field experience
- Collaborate with other students (cohort of 16 OPIHI interns), researchers, and cultural practitioners
- Contribute to scientific & educational research projects
- Earn 4 credits of BIO499 Directed Research, or research credits in your home department

### REQUIREMENTS

- Applicants must have taken at least 24 college-level credits by September 2020
- Applicants must be able to participate in OPIHI for the entire academic year – from Fall 2020 to Spring 2021
- Applicants must be able to fulfill the following credit requirements: 1 credit BIO499 or similar (Fall 2020) and 3 credits BIO499 or similar (Spring 2021)



# Commitment

## CLASSES

OPIHI Undergraduate classes will begin in the Fall semester 2021! All classes will be held at the University of Hawai'i at Mānoa campus (location TBD). This is a year-long research credit course (fall-spring semester).

Classes will be held every other Tuesday evening, from 5:00-7:30pm (date/time subject to change).

## OUTREACH

OPIHI students will also have the unique opportunity to assist in marine conservation outreach and community service throughout the course of the program.



*“I feel that I've developed a strong connection with Hawaii's coastal environment thanks to the knowledge I've acquired during this course. I can now appreciate the uniqueness of Hawai'i's ecology, and I've become very interested in understanding the different ecological dynamics that take place across the islands.”*

*-former OPIHI student*

# Coursework

## FIELD WORK

The focus of the OPIHI Undergraduate Research Program is, of course, conducting small-group projects around O'ahu. Students will learn important skills in marine ecology field research methods, then implement their proposed research during weekend field days. Transportation to and from field sites is not provided.

## SCIENTIFIC WRITING

The majority of coursework throughout the OPIHI Undergraduate Research Program is focused on building scientific writing skills, using data that was collected during the small-group independent research projects.

## SCIENTIFIC COMMUNICATION

OPIHI students will also learn how to be effective science communicators, by customizing presentations of their findings to their peers, as well as to an audience of the general public.





# Apply today!

**Application link:**

**[CLICK HERE](#)**

**Application deadline:**

***OPEN NOW until all positions have been filled***

***(Rolling admissions)***

This means that you should apply as early as possible to secure your spot!

**For more information:**

**[opihi.weebly.com](http://opihi.weebly.com)**

or email

Patrick Nichols ([pkn@hawaii.edu](mailto:pkn@hawaii.edu))

**@opihiprogram**