

# OPIHI: Our Project In Hawai'i's Intertidal Undergraduate Ocean Research & Internship Opportunity

**What is OPIHI?** OPIHI is a program that monitors rocky intertidal areas in Hawai'i. Ten years ago, OPIHI citizen science data resulted in the first description of community-level patterns of the Hawaiian intertidal.

**Scientific Purpose:** OPIHI interns will participate in multiple projects focused on Hawai'i's understudied intertidal. One of the major goals is to determine if and how intertidal communities have changed since the original OPIHI surveys 10 years ago.



**Educational Purpose:** Share your experiences with University of Hawai'i researchers who are looking at ways to help students learn about the scientific process. Your participation in the educational research study component of the project is optional.



## Why Participate?

- Get hands-on scientific field experience
- Collaborate with other students (cohort of 12 OPIHI interns) and researchers
- Contribute to scientific & educational research projects
- Earn 3–4 credits (see credit requirements below)
- Stipend (\$500)

**Interested? Application Due Date = rolling starting mid-July, 2016**

Top applicants will be interviewed. Applicants will be notified of acceptance in August.

## Requirements:

1. You need to have taken at least 24 college-level credits by August 2016.
2. You must be able to fully participate in OPIHI through Spring 2017 (see schedule).
3. You must be able to fulfill the following credit requirements in Spring 2017:
  - Marine Option Program-track students (<http://www.hawaii.edu/mop/>): **3** research credits
  - 499-track students: **4** research credits

## How to apply:

1. Complete the **application**: <http://tinyurl.com/InternOPIHI2016>
2. Email Florybeth La Valle ([lavallef@hawaii.edu](mailto:lavallef@hawaii.edu)) a **resume or CV**.



## 2016–2017 OPIHI Internship Schedule

**You are required to attend and participate in all OPIHI internship components:\***

This is a 2 semester internship starting Fall 2016 and ending in Spring 2017.

In Fall 2016 the OPIHI Internship Course will take place **on select Thursdays** from **5:00–7:30pm** starting **September 15**.

Date	Time	Task
Sep. 15 (Thu)	5–7:30 pm	<b>OPIHI potluck welcome dinner</b> <ul style="list-style-type: none"> <li>• Introduction to OPIHI project</li> </ul>
Sep. 29 (Thu)	5–7:30 pm	<b>Introduction to sampling techniques</b> <ul style="list-style-type: none"> <li>• OPIHI sampling protocol</li> <li>• Water quality measurements</li> </ul>
Oct. 13 (Thu)	5–7:30 pm	<b>Identification Bootcamp</b>
Oct. 27 (Thu)	5–7:30 pm	<b>Discuss and start planning research projects</b> <ul style="list-style-type: none"> <li>• Start writing research proposal</li> </ul>
Nov. 12 (Sat)	TBD (~8 hrs)	<b>Research/Field Day:</b> Collect data at intertidal site
Nov. 13 (Sun)	TBD (~8 hrs)	<b>Research/Field Day:</b> Collect data at intertidal site
Nov. 17 (Thu)	5–7:30 pm	Progress Check: Research projects/proposals
Dec. 1 (Thu)	5–7:30 pm	Progress Check: Research projects/proposals
Dec. 8 (Thu)	5–7:30 pm	<b>Proposals for research projects due</b>
Dec. 10 (Sat)	TBD (~8 hrs)	<b>Research/Field Day:</b> Collect data at intertidal site
Dec. 11 (Sun)	TBD (~8 hrs)	<b>Research/Field Day:</b> Collect data at intertidal site
TBD Spring 2017	TBD	<b>OPIHI Internship Course will continue. At least 6 more research days</b> will be scheduled. Research projects will be completed.
TBD Spring 2017	TBD (~8 hrs each)	<b>2 Workshop Sessions</b> at UH Manoa with middle and high-school teachers. You will help us teach them: <ul style="list-style-type: none"> <li>• Sampling techniques and the OPIHI sampling protocol</li> <li>• How to identify intertidal organisms</li> </ul>
TBD Spring 2017	TBD (~3 hrs each)	Attend at least 2 middle- or high-school OPIHI <b>field trips</b> . <ul style="list-style-type: none"> <li>• Field trips are held at intertidal locations around O‘ahu during the week in the morning</li> <li>• Serve as a science assistant—help student follow OPIHI protocols and identify organisms</li> </ul>

*\*Dates, times, and course topics subject to change. Field components are weather-dependent. **You will have coursework to complete between sessions.** Educational research project participation will involve completing surveys and taking part in a focus group. **You must have reliable transportation to participate in this project.***

**Questions? Contact Florybeth La Valle at [lavallef@hawaii.edu](mailto:lavallef@hawaii.edu)**