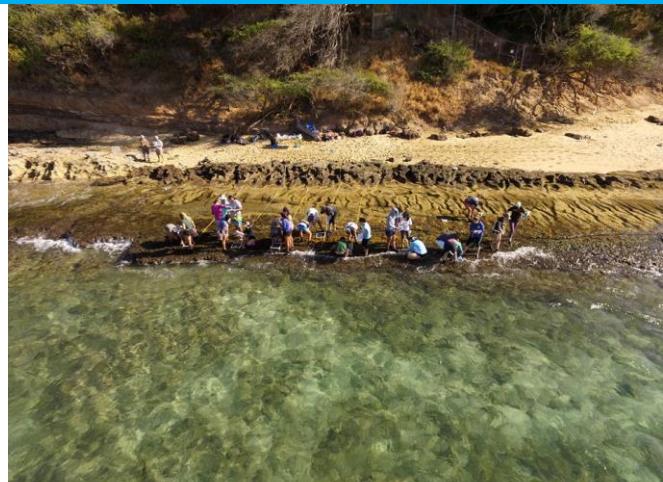


OPIHI: Our Project In Hawai‘i’s Intertidal Teacher Professional Development Opportunity

What is OPIHI?

OPIHI is a citizen science program where secondary school students monitor rocky intertidal areas in Hawai‘i. Teachers and students are trained in field methodology, species identification, and ecological sampling techniques. Ten years ago, OPIHI student data resulted in the first description of community-level patterns at intertidal sites across Hawai‘i.



Main Purpose of this Professional Development (PD) Opportunity:

Engage teachers and students in inquiry-based learning and authentic scientific research, while utilizing citizen science to rigorously monitor Hawai‘i’s intertidal ecosystems.



Why Participate?

- Learn from and with scientists
- Students do not get wet above knees (no swimming, no HIDOE lifeguard requirement)
- Aligned to NGSS
- Class supplies (~\$300)
- Optional reimbursement for bus transportation to field site (up to \$275)
- Optional 3 credits PDE³ (pending HIDOE approval)

Interested? Applications due October 31st 2018

Application Process:

1. Complete the google form application: <https://goo.gl/forms/uE3f7MOZkAnmnDDj1>
2. Email Jessica Schaefer (jschaef@hawaii.edu) your resume.



CENTER FOR
MARINE SCIENCE
EDUCATION

OPIHI: Our Project In Hawai‘i’s Intertidal 2018–2019 Dates, Locations & Requirements

Introduction and Online Sessions: All Islands

Intro to OPIHI with Island Cohorts

- November (date and location TBD, 2.5 hrs)

Four (4) Synchronous Online Content Sessions

- November 28 (Wed) 5–7:30 pm
- December 12 (Wed) 5–7:30 pm
- January 9 (Wed) 5–7:30 pm
- February or March (TBD, 1 hr) Island check-ins



In-Person Workshops: 2-day Immersion, 1-day Follow-up, 1-day Symposium

Island	O‘ahu	Kaua‘i	Maui	Hawai‘i
Immersion	Jan. 19 & 20 <i>UH Mānoa</i>	Feb. 9 & 10 <i>Kapa‘a</i>	Feb. 23 & 24 <i>Kihei</i>	Feb. 23 & 24 <i>Hilo</i>
Follow-Up	March 9 <i>‘Ewa</i>	Feb. 23 <i>Kapa‘a</i>	March 9 <i>Lahaina</i>	Kona: March 9 Hilo: April 7
Symposium	May 18	April 14	May 11	Kona: May 18 Hilo: May 4

**Exact locations and symposium locations TBD, all times are 8–4 pm or 9–5 pm (dependent on tides)*

Travel support is available for teachers from Moloka‘i and Lāna‘i to attend workshops on other islands

Requirements

- Attend and participate in all online and in-person PD components
- Complete field preparation assignments (between PD sessions)
- Conduct an intertidal OPIHI field trip with at least one class
- Complete OPIHI activities in this class
 - ~8 days of class time prior to field trip
 - ~3 days of class time after field trip



Interested? Applications due Oct. 31st 2018

Questions? Email Joanna Philippoff (philippo@hawaii.edu) or Jessica Schaefer (jschaef@hawaii.edu).



CENTER FOR
MARINE SCIENCE
EDUCATION