

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. Students learn marine ecology conservation and are trained in field methodology, species identification, and 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:

Rigorously monitor Hawaii's intertidal to determine if and how the organisms have changed since the original OPIHI surveys 10 years ago.



Why Participate?

- Learn from and with scientists
- Student do not get wet above knees (no swimming)
- Aligned to HCPSIII and NGSS
- Online curriculum & learning community
- Stipend (\$150), bus transportation to field site (\$75), & supplies (~\$300)*
- Optional 3 credits PDE³*

**These opportunities are subject to funding availability*

Interested? Applications Due Nov. 1st, 2015

1. Complete the google form application: <http://tinyurl.com/OPIHI2015>
2. Email Joanna Philippoff (philippo@hawaii.edu) a letter of recommendation
3. Also email Joanna a one-page statement of interest addressing the following:
 - Why are you applying to this program?
 - What do you hope to gain by participating from this program?
 - What do you hope your students will gain by participating in this program?

OPIHI: Our Project In Hawai'i's Intertidal 2016 Dates, Locations & Requirements

Four (4) Synchronous Online Sessions: All Islands

Introduction and Content Sessions

- Jan. 13 (Wed) 5–7:30 pm
- Jan. 27 (Wed) 5–7:30 pm
- March 2 (Wed) 4:30–7:30 pm

Sharing Sessions (choose **ONE** of the following)

- May 4 (Wed), May 5 (Thurs), May 18 (Wed) OR May 19 (Thurs) 5–7 pm

In-Person Workshops: 2-day Immersion & 1-day Follow-up

Island	O'ahu	Kaua'i	Maui	Hawai'i
Location*	UH Manoa	Kapa'a	Kihei	Hilo
Immersion Dates	Feb. 6 & 7	Feb. 13 & 14	March 12 & 13	March 22 & 23
Follow-Up Date	Feb. 20	Feb. 27	April 3	April 9

**Exact locations TBD, all times are 9–5 pm (except O'ahu Feb. 20, Maui April 3, and Hawai'i March 23, which are 8–4 pm)*

Requirements

- Attend and participate 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
 - ~5 days of class time prior to field trip
 - ~3 days of class time after field trip

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Questions? Email Joanna Philippoff (philippo@hawaii.edu)



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