

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 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 Hawai'i'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, no HIDOE lifeguard requirement)
- Aligned to NGSS
- Stipend (\$150)
- Class supplies (~\$300)
- Optional reimbursement for bus transportation to field site (up to \$275)
- Optional 3 credits PDE³

Interested? Applications Due October 31st, 2016

Application Process:

1. Complete the google form application: <http://tinyurl.com/2016OPIHIPD>
2. Email Joanna Philippoff (philippo@hawaii.edu) your resume.



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MARINE SCIENCE
EDUCATION

OPIHI: Our Project In Hawai'i's Intertidal 2016–2017 Dates, Locations & Requirements

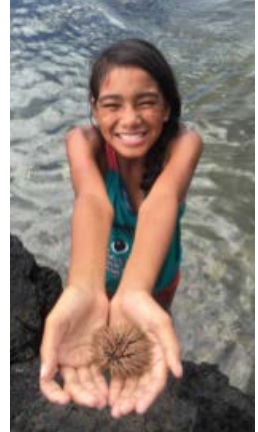
Five (5) Synchronous Online Sessions: All Islands

Introduction and Content Sessions

- November 16 (Wed) 5–7:30 pm
- December 7 (Wed) 5–7:30 pm
- January 18 (Wed) 5–7:30 pm
- February or March (TBD, 1-hr) Island check-ins

Sharing Sessions (ONE of the following)

- May 2, May 3, May 4, May 16, May 17, OR May 18; 5–7 pm



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

Island	O'ahu	Kaua'i	Maui	Hawai'i
Immersion Dates	Feb. 11 & 12	Feb. 18 & 19	March 4 & 5	March 11 & 12
	<i>UH Manoa</i>	<i>Kapa'a</i>	<i>Kihei</i>	<i>Hilo</i>
Follow-Up Date	Feb. 25	April 9	April 1	April 2
	<i>'Ewa</i>	<i>Kapa'a</i>	<i>Lahaina</i>	<i>Kona</i>

**Exact locations TBD, all times are 9–5 pm (except Hawai'i March 11 and Kaua'i April 9, which are 8–4 pm)
Travel support is available for teachers from Moloka'i and Lana'i*

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

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