

## Marine Science Intern/Volunteer Instructor

**Ocean Discovery Institute** is an award winning non-profit science education organization that works with San Diego's most underserved elementary, middle and high school students to promote marine science and environmental understanding and action.

This internship/volunteer opportunity relates to one of the programs Ocean Discovery Institute offers, which is the Ocean Science Explorers (OSE) program which brings the marine sciences into elementary and middle school classrooms in underserved communities at no cost to the schools. Each unit of OSE involves activities such as dissections, water quality testing, and contact with live animals, microscope work, experiments, and field trips.

### Benefits of Position:

- Increase exposure to the sciences and foster an appreciation for the natural world
- Strengthen teaching skills and learn new strategies for communicating and connecting students to science
- Work with science and education mentors

### Position Overview:

- Assist in presentation of in-class hands-on science activities and lessons at low-income schools
- Lead exciting outdoor field trips (tide pooling, research vessel excursions, wetlands, etc)
- Participate in informal science settings at off-site events (career fairs, Earth Day events, and other thematic expos)
- Possible development of new innovative programs or lessons
- Conduct evaluation of students and teachers participating in the Ocean Science Explorers
  - Administer evaluations
  - Collect and manage data
  - Generate ideas for program enhancements based on evaluation results and experiences in the classroom

### Training Includes:

- Overview of teaching techniques and protocols
- Workshops for in-class curriculum, materials, and set-up
- Field trip, off-site event and content training

### Position Commitment:

- Mid September through Mid-June (approximately 10 months), *note: when schools are on break, position will also be on break.*
- 5-15 hours/week (hours will be variable, weekends may be required)
- Interns/Volunteers typically work 1-2 mornings a week:
  - Schools are booked so that 2 to 4 classes are taught in a row. Classes are taught Monday through Friday during the school day (times vary between 7:45am and 3:00pm).

### Requirements:

- Working toward or completion of four-year degree in science and/or education
- Passionate toward the native environment
- Knowledge of local marine habitats, flora, and fauna
- Ability to communicate scientific concepts to youth
- Enthusiasm for working with youth from diverse backgrounds
- Prompt and dependable
- Interest in both science and education
- Instructors must provide their own transportation
- Successfully pass state fingerprinting check (live-scan)

### Additional preferred skills:

- Experience working with youth
- Conversational Spanish

**To apply submit resume with 3 references to:**

**Jamie Weed, Office Manager**

[jamieweed@oceandiscoveryinstitute.org](mailto:jamieweed@oceandiscoveryinstitute.org)

**858.488.3849**