



MARINE SCIENCE LEAD 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.

The Ocean Science Explorers program brings the marine sciences into elementary and middle school classrooms in underserved communities at no cost to the schools. Each unit of the program involves activities such as dissections, water quality testing, and contact with live animals, microscope work, experiments, and field trips. For more information please visit our website at www.oceandiscoveryinstitute.org.

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
- Receive professional development in a variety of areas (scientific, education, student management)
- Gain experience working as part of a dynamic team, developing strategies together

Position Overview:

- Act as a lead instructor for and coordinate in-class hands-on science activities and lessons at low-income schools
- Manage and lead exciting outdoor field trips (tide pooling, research vessel excursions, wetlands, etc)
- Participate in informal science events
- Innovate lessons
- Act as coordinator for interns and volunteers in the Ocean Science Explorers program
- Facilitate staff Ocean Science Explorers trainings for new and returning interns
- Assist in special projects that may include:
 - Maintenance, coordination and purchasing of supplies

Training Includes:

- Overview of teaching techniques and pedagogy
- Workshops for in-class curriculum, materials, and set-up
- Field trip, off-site event and content training
- Water, field, and general safety training
- Student management techniques

Position Commitment and Compensation:

- The position is:
 - 20-30 hours a week (hours will be variable, weekends may be required)
 - Need to be available M-F (approximately 8am-3pm)
- Starting salary \$12 – 14 per/hr
- This position does not include health or dental benefits

Requirements:

- Completion of four-year degree in science (preferably marine or earth) and/or education
- Aligns with the following organizational core values: learning, diversity, stewardship, leadership, and passion.
- Passionate toward the natural 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
- Dedicated to the concept of promoting equal opportunity for under-represented students
- Must provide own transportation
- Strong organizational skills
- Strong computer skills
- Ability to collaborate and work well in a team
- Successfully pass state fingerprinting check (live-scan)

Additional preferred skills:

- Experience working with youth
- Fluent Spanish speaker and basic Spanish writing skills (native speaker preferred)

Application Process:

- Submit resume and cover letter
 - Include 2 to 3 professional references with their phone #, job title and relationship to applicant
- Start date: January 13, 2010

Submit materials and all other inquires to:

Jamie Weed
Office Manager
jweed@OceanDI.org
858.488.3849