



Paid Internships – Marine Programs Palos Verdes Kelp Forest Restoration Project

GENERAL DESCRIPTION: The Bay Foundation is seeking two Marine Program Interns to assist with the Palos Verdes Kelp Restoration Project and Green Abalone Restoration Pilot Project. These positions are 10 weeks in duration, part-time, paid internships that will involve data collection, QAQC of datasets, laboratory work and SCUBA based subtidal field work (restoration activities, data collection, monitoring and mapping) consistent with program protocols and within the boundaries of Scientific Diving Standards consistent with AAUS and SCORD Dive Manual.

These internships will provide hands-on field experience working directly with experts in the field of marine ecology. Interns will work under the close supervision and review of the Director of Marine Programs and Marine Programs Staff. Experience in the field is welcome but not necessary, as the intern(s) will be thoroughly trained in monitoring and restoration protocols. Applicant must be current as a certified **AAUS Scientific Diver**.

JOB RESPONSIBILITIES: Under the supervision and guidance of the Marine Programs staff, the intern(s) is expected to fulfill the following responsibilities.

Research, Monitoring and Ecological Restoration Current projects that this position will directly support are the Palos Verdes Kelp Restoration Project, Sea Urchin Gonadsomatic Index Study, and Green Abalone Restoration Pilot Project. The Marine Programs Intern is expected to contribute to research, monitoring and ecological restoration in the following ways: conduct SCUBA based subtidal field work (restoration activities, data collection, specimen collection, monitoring and mapping) and laboratory work (sea urchin dissections).

Data collection and QAQC The research and restoration projects that are conducted are scientific data generating projects. Field methodologies must be learned and adhered to, to maintain the continuity, accuracy and applicability of the data collected. Additionally, to assure that these data are accurate and meet project standards it must be QAQC'd and entered in a timely manner. In summary the Marine Programs Intern will; collect data, contribute to QAQC of datasets, enter data, and contribute to analysis and reporting.

Manage Field Work and Equipment The Marine Programs Intern must maintain life supporting SCUBA gear in an excellent state of condition, consistent with the standards defined by AAUS standards and further refined by the SCORD dive manual. The use of essential field gear for the Marine Programs Group is critical to the successful and timely completion of our contracted work. Essential field gear will be maintained, transported, stored and utilized in a safe manner to reduce the likelihood of damage, loss or theft. The organization, maintenance, and logistics associated with essential field gear is a responsibility of the Marine Programs Intern.

Work Environments The Marine Programs Intern is required to work safely and proactively to ensure the safety of others in a number of environments including working waterfronts, top side boat operations, in the open ocean, and in subtidal and intertidal habitats. The nature of these environments are dynamic and subject to rapid and potentially hazardous changes in condition. Significant travel and lifting of heavy objects approx. 50 pounds is expected.

OUR MISSION:

*To restore and enhance the Santa Monica Bay
through actions and partnerships that improve water quality,
conserve and rehabilitate natural resources, and protect the bay's benefits and values.*



TERM OF PROJECT:

30 hours/week for 10 weeks* (2 positions available)

May 26th, 2015 – July 31st, 2015

June 22nd, 2015 – August 28th, 2015

*Intern is expected to be available for the entire session.

MINIMUM QUALIFICATIONS:

- **AAUS certified Scientific Diver**
- Laboratory and office work take place at Loyola Marymount University. Dive boat will leave from the Southern California Marine Institute on Terminal Island [Los Angeles Harbor]. Other locations may include Marina del Rey and King Harbor. Applicant must be able to transport self and gear to these locations.
- Proficient in Microsoft Office suite (Word, Excel, PowerPoint).
- Ability to multitask and work independently and/or as part of a group.
- Valid CA driver's license.

COMPENSATION:

\$4200 Stipend

TO APPLY – Email by Friday, February 27th, 2015

- Cover letter
- Your resume or CV
- Three references

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About The Bay Foundation (TBF)

The TBF is a 501(c) 3 non-profit environmental group founded in 1990 to restore and enhance the Santa Monica Bay (Malibu's Point Dume to the Palos Verdes Peninsula) and local coastal waters. The Foundation is the non-profit partner of the Santa Monica Bay Restoration Commission, raising and expending funds for research, education, planning, cleanup efforts and other priorities identified in the Commission's Santa Monica Bay Restoration Plan. As advocates for the Bay, TBF works collaboratively with a broad group of stakeholders, including government agencies, industry, environmental groups, and scientists, to implement innovative policies and projects that clean up the waterways, create green spaces and natural habitats in the Los Angeles region. (www.santamonicabay.org)

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