

## **LiMPETS/AYS Marine Science Educator Position Greater Farallones Association (GFA)**



**GREATER  
FARALLONES  
ASSOCIATION**

### **Background**

The Greater Farallones National Marine Sanctuary (GFNMS) protects the wildlife and habitats of one of the most diverse and bountiful marine environments in the world, an area of 3,295 square miles off the northern and central California coast. Located just a few miles from San Francisco, the waters within Greater Farallones National Marine Sanctuary support an abundance of life, including many threatened or endangered species. The Greater Farallones Association is the nonprofit partner that supports and assists the Greater Farallones National Marine Sanctuary in education, outreach, and stewardship. This is a **part-time position through the Greater Farallones Association**, on assignment to the Greater Farallones National Marine Sanctuary. This is a joint position between the LiMPETS and At Your School (AYS) programs and requires a commitment of 20-29 hours total per week.

### **LiMPETS Program Description**

LiMPETS, Long-term Monitoring Program and Experiential Training for Students, is an environmental monitoring and education program for students, educators, and volunteer groups. This hands-on program was developed to monitor the ocean and coastal ecosystems of California's national marine sanctuaries to increase awareness and stewardship of these important areas. Locally, the LiMPETS program serves middle, high schools and colleges in the San Francisco Bay area. Monitoring activities take place on beaches and rocky intertidal areas in and around the Greater Farallones and northern Monterey Bay National Marine Sanctuaries. Visit [www.limpets.org](http://www.limpets.org) for more on the LiMPETS program.

### **LiMPETS Educator Position Description**

The LiMPETS Marine Science Educator will provide instructional and administrative program support for LiMPETS. This is a part-time position through the Greater Farallones Association and requires a commitment of 20 hours per week, Monday-Friday during the school year. LiMPETS serves 12 Bay area counties - classroom and field locations vary.

### **LiMPETS Educator Responsibilities**

- Lead LiMPETS programs, both in the classroom and in the field.
- Assist LiMPETS Program Manager in administration of LiMPETS programs.
- Ensure consistency and accuracy of student-generated monitoring data.
- Assist in planning and implementation of annual teacher professional development series.
- Edit and revise LiMPETS curriculum and online educational resources, as needed.
- Support GFA/GFNMS education programs and objectives.
- Oversee program equipment and supplies.

- Maintain a safe environment for all students during monitoring activities.
- Other duties as assigned.

### **At Your School (AYS) Program Description**

The AYS program brings specimens, live animals and engaging activities into K-12<sup>th</sup> grade classrooms of the San Francisco Bay Area with the goal of connecting students with their National Marine Sanctuaries and increasing ocean literacy through hands-on learning.

### **AYS Educator Position Description**

The AYS Marine Science Educator will provide administrative support and deliver ocean science programs in a classroom setting for the *At Your School* marine science outreach program. This is a part-time position through the Greater Farallones Association and requires a commitment of up to 9 hours per week, Monday-Friday during the school year.

### **AYS Instructor Position Responsibilities**

- Delivers in-classroom K-12 marine science outreach lesson plans including programs focused on crabs, seabirds, sharks, marine mammals, plankton, deep-sea corals and ocean acidification to students in alignment with Common Core and the Next Generation Science Standards.
- Collects and organizes student data and program evaluations.
- Maintains and cares for all education materials and teaching kits and reports lost or broken specimens or items to the *At Your School* program coordinator.
- Provides on-going evaluation of programs and facilities, communicates this information to all appropriate staff members, and works with other staff to maintain and improve high quality programs.
- Provides a safe, supportive and friendly environment throughout all programs. Properly handles live marine organisms and cares for all education materials.
- Must possess a considerable ability to establish and maintain effective and courteous working relationships with coworkers, teachers, parents and students.

### **Qualifications**

- Ability to skillfully instruct others and to work with persons from diverse backgrounds, including urban youth. Experience in teaching marine science or a related field to K-12 students from diverse backgrounds.
- Knowledge of, and broad interest in, oceans and marine science, including key ocean organisms, coastal ecosystems, and coastal stewardship.
- Ability to work as a team member; must be outgoing, patient, energetic and enthusiastic; must have good communication and interpersonal skills.
- Ability to adjust quickly to changing priorities and manage tasks in a sometimes stressful environment.
- Must have reliable personal transportation, a valid driver license and a clean driving record.
- Must be willing to pass a background check and Defensive Driving Course.

- Must be able to lift 50 lbs as this position requires transporting education materials.
- Environmental research or monitoring field experience is preferred.
- Strong computer skills and experience with Excel.
- Physical ability to climb boulders in the rocky intertidal and be knee-deep in the ocean.
- Flexible; willingness to work occasional early mornings, evenings.

### **Other job functions**

Performs related duties and responsibilities as required.

### **Education**

Bachelor's or Master's Degree in environmental education, biology, marine science, or related field.

### **Compensation**

\$15 per hour.

### **How to apply:**

Please send a cover letter, resume, and references (3) to Abby Nickels, LiMPETS Program Manager: [limpets@farallones.org](mailto:limpets@farallones.org) (please include the phrase: "Application for LiMPETS/AYS Marine Science Instructor 2018" in the subject line)

### **Application Deadline:**

Friday – February 16, 2018