

## Job Posting

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Position	Water Quality Aquarist
Facility	California Academy of Sciences, Steinhart Aquarium
Location	San Francisco, CA
Job Summary	<p>Reporting to the Associate Director, this position is responsible for supporting the health of the aquarium's living collection through the Water Quality Monitoring and Aquatic Quarantine Programs for the Steinhart Aquarium. This position is required to perform the day to day operations of the Aquarium Water Quality Laboratory and to assist with the general husbandry and veterinary medical care for the animals in the aquatic quarantine and hospital areas. Work schedule will include weekends, evenings and holidays. The ideal candidate will have paid experience in the following areas: general laboratory, husbandry and veterinary medicine techniques. The Animal Health Department oversees the following Aquarium support functions: All Aquatic and Terrestrial Quarantine and Medical Facilities, Veterinary Services, Water Quality, Commissary, Live Foods, Evening Events and Registration. The Biologist could provide coverage in any of these areas.</p>
Essential Functions	<p>Performs daily testing and analysis of the various environments and habitats in the aquarium, logs results and reports abnormal findings</p> <p>Effectively communicates water quality analysis and findings to the Aquarium staff on a routine basis</p> <p>Schedules non routine testing and effectively communicates the results</p> <p>Communicates with the Engineering staff regarding the status of specific water quality parameters</p> <p>Maintains the chemical inventory and database including the MSDS folders</p> <p>Maintains the laboratories and water quality monitoring instruments</p> <p>Recruit, train and supervise volunteers and interns</p> <p>Handles hazardous materials properly</p> <p>Distributes commonly used chemicals to the Aquarium staff</p> <p>Maintains the Aquarium probe monitoring and maintenance program including ORP and pH probes</p> <p>Assists the Primary Aquatic Quarantine and Medical Biologist with the husbandry care of aquatic quarantine and hospital animals in a state of high stress and high vulnerability.</p> <p>Prevents cross contamination from quarantine animals to the rest of the collection.</p> <p>Assists with the coordination of diagnostics and treatments of quarantine animals with the rest of the Animal Health Staff.</p> <p>Assist with the general maintenance of the aquatic quarantine and hospital facilities.</p>

	<p>Assist with animal quarantine and hospital logistics and animal transfer logistics.</p> <p>Provides coverage for the additional areas of the Animal Health Department that include Commissary, Veterinary Support and Registration</p> <p>Prepares food for the animals following established diets and accurately measuring, weighing, or counting dietary items for each animal diet</p> <p>Administers prescribed treatments, anesthesia monitoring and clinical observations of sick or debilitated animals as needed</p> <p>Performs and records gross necropsies of animals including sampling of tissues for cytological, histological and bacteriological examinations and reports findings to the Veterinarian as needed</p> <p>Helps to maintain the hospital areas, laboratories, medical instruments as needed</p> <p>Assists with organization of records and files</p> <p>Effectively communicates with the Animal Health, Husbandry and Engineering staff</p> <p>Presents programs to the general public as needed</p> <p>Participates in Academy committees and workgroups as needed</p> <p>Conducts general tours of the Aquarium and its support spaces as scheduled</p> <p>Participates in professional organizations and associations</p> <p>Other duties of a similar scope and nature as assigned</p> <p>Follows all Academy and departmental safety procedures</p>
Other Duties and Responsibilities	<p>Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals</p> <p>Ability to write routine reports and correspondence</p> <p>Ability to speak effectively before groups or individuals</p>
Knowledge, Skills and Abilities	<p>Knowledge of standard laboratory equipment and instrumentation including spectrophotometer, ion chromatography, pH meter, oxygen meter, compound and dissection microscopes and other standardized water testing equipment</p> <p>Knowledge of water quality testing methods, parameters and methods for maintaining them</p> <p>Knowledge of husbandry and diet requirements of collection animals</p> <p>Knowledge of animal treatment, disease diagnosis and associated veterinary procedures</p> <p>Knowledge of standard dissection, necropsy, biological sampling procedures and record keeping</p> <p>Knowledge of chemistry and biology</p> <p>Knowledge of public zoological operation, maintenance, record keeping and life support systems</p> <p>Effective verbal and written communication skills</p> <p>Effective organizational and problem solving skills</p>

	<p>Effective computer skills with experience in Word, Access, Excel and PowerPoint</p> <p>Must be able to complete all required safety and chemical trainings required</p> <p>Ability to effectively convey information to visitors and the general public</p> <p>Ability to work as a member of a team</p> <p>Able to work independently with minimum supervision</p> <p>Holds a valid California driver's license or ability to obtain one</p> <p>CPR certification or ability to obtain one</p> <p>Ability to work weekends and holidays on a routine basis</p>
Education & Experienced Required	<p>Has completed a Bachelor of Arts or a Bachelor of Science degree in Chemistry, Biology, Fisheries, Zoology, Marine or Aquatic Biology, or a related field of study</p> <p>Minimum one (1) year of work experience in a public aquarium, laboratory, zoological display institution or similar facility is preferred</p> <p>Laboratory experience that demonstrates additional learning and responsibilities is preferred</p>
Licenses and Certifications Required	AALSO Level 1 Water Quality Technician and/or Level 1 LSS Operator Preferred
Physical Requirements	<p>While performing the duties of this job, the employee is frequently required to stand, sit, walk, and reach with hands and arms, and talk or hear</p> <p>Must be able to lift 50 pounds</p> <p>Must be able to differentiate between colors</p> <p>Must be willing to work with hazardous materials</p> <p>Must be able to swim</p> <p>Must be willing to work with and adjacent to venomous and dangerous animals</p> <p>Must be able to work in humid areas without natural light</p> <p>Must be able to climb stairs and ladders</p>
Working Conditions	Awesome!
Salary	
Respond To	<p>Please submit your cover letter and resume online at <a href="http://calacademy.snaphire.com">http://calacademy.snaphire.com</a>. Note that the recruitment timeline for positions vary and depend on many factors, so it is impossible to accurately predict when a position will close. We appreciate your patience during this process. No phone calls please.</p> <p>The California Academy of Sciences will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the San Francisco Fair Chance Ordinance (SF Police Code, Article 49).</p>

The California Academy of Sciences is an Equal Opportunity Employer and is committed to ensure that all employees and applicants receive equal consideration and treatment, regardless of race, color, creed, gender (including gender identity or gender expression), religion, marital or domestic partner status, age, national origin or ancestry, physical, mental or medical disability, sex, sexual orientation, citizenship, military service status, veteran status, or any other characteristic protected by state or federal law or local ordinance.

The California Academy of Sciences is a non-smoking facility. There is also no smoking in Golden Gate Park.

Job Details

Reference # 20352

Posted: Aug 4, 2017

Closes: Aug 15, 2017

Work type(s) Full-Time

Closing date	08/15/2017
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Entry ID

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