

MARINE MUSEUM CURATOR, 2425

Summary of Duties : The Marine Museum Curator assists the Marine Museum Exhibits Director in the preparation and maintenance of scientific specimens and collections; develops, constructs, and maintains marine life exhibits and related display materials; coordinates, supervises and develops the curricula for various educational programs and activities conducted in the laboratory.

Distinguishing Features : A Marine Museum Curator classifies, catalogues, and prepares specimens for exhibits and study collections, and assists in the development and implementation of museum exhibits and laboratory programs which are suitable for public participation. Assignments are normally received from the Marine Museum Exhibits Director in terms of specific results desired on special projects, and general objectives for ongoing projects. This class differs from the Marine Museum Program Director in that the latter is concerned with the planning and development of the total general educational program at the Marine Museum, rather than the more specialized scientific, laboratory oriented type programs. This class differs from the Exhibits Director in that the latter is responsible for directing all research, specimen acquisition, exhibit development, and other scientific activities at the museum.

Examples of Duties : Researches, acquires, and prepares specimens, photos, and graphics in lifelike postures and colors for marine life and bird exhibits; researches and applies preservation techniques for both wet and dry specimens including specialized cleaning techniques, pest control, chemical treatments, and fumigation; designs, constructs, installs, and maintains exhibits using plexiglass, wood, electrical lighting, drymounting and other techniques; identifies and catalogs marine specimens and artifacts according to professional museum and scientific standards; coordinates activities of the Museum's volunteer organization; supervises artists and assures scientific accuracy of artwork; writes scientific text for display and publication; helps develop, supervise, train, and may occasionally teach educational and research programs in the laboratory; establishes guidelines for use of laboratory equipment; responsible for the operation and maintenance of a large inventory of scientific, audiovisual, photographic, and carpentry shop equipment; supervises and trains employees and volunteers in the proper use and care of equipment; may perform light craft repair jobs; and may be assigned to other duties for training purposes or to meet technological changes or emergencies.

Qualifications : A good knowledge of the principles of marine biology; a good knowledge of the collection, identification, preparation, preservation, and display of a wide variety of marine specimens; a good knowledge of scientific research techniques, sources of

scientific information, and laboratory techniques involved in the collection and analysis of marine life specimens; a working knowledge of current major scientific developments in the field of marine biology; the ability to supervise and coordinate the activities of volunteers; the ability to prepare attractive and scientifically accurate displays; the ability to develop laboratory educational programs for the general public and the ability to deal tactfully and effectively with museum staff, volunteers and the public.

Graduation from a recognized four-year college or university with a major in a life science and one year of professional or volunteer equivalent experience assisting in the acquisition and preparation of marine specimens for display or developing and implementing marine education programs for the general public.

A masters degree in life science may be substituted for the required experience.

Physical Requirements : Strength to perform average lifting up to 15 pounds and occasionally over 25 pounds; good eyesight, and good hearing and speaking ability.

Persons with medical limitations may, with reasonable accommodations, be capable of performing the duties of some of the positions in this class. Such determination must be made on an individual basis in light of the person's limitations, the requirements of the position, and the appointing authority's ability to effect reasonable accommodations to the person's limitations.

As provided in Civil Service Commission Rule 2.5 and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what all of the duties and responsibilities of any position shall be.