

Class Code:.....0706A
Position #:(PSA)....8377
Developed by:.....SG
Reviewed by:.....JGQ
Approved by:.....
Date:.....12/92, 9/93

UNIVERSITY OF RHODE ISLAND

Position Description

TITLE: Marine Research Specialist I
DIVISION: Academic Affairs (GSO)
REPORTS TO: Principal Investigator
GRADE: 05
SUPERVISES: Not applicable

BASIC FUNCTION:

Perform experimental and developmental work in support of a study on the levels of organic contaminants in samples of organisms and sediments from aquatic environments.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Use established analytical methods to extract, fractionate and analyze organic contaminants in samples.

Perform computer analyses of data.

Modify existing methods and develop new methods to improve precision and sensitivity of these analyses.

Maintain organic geochemistry laboratory for these research studies.

OTHER DUTIES AND RESPONSIBILITIES:

Perform other duties as required.

LICENSES, TOOLS AND EQUIPMENT IN THE ORGANIC GEOCHEMISTRY LAB:

Personal computers, printers and word processing, database management and spreadsheet software, gas chromatography and gas chromatography-mass spectrometry.

ENVIRONMENTAL CONDITIONS:

This position may involve a very small amount of time to help collect samples from aquatic environments and therefore is subject to inside and outside work in which cold and hot temperatures could be encountered.

QUALIFICATIONS:

BS degree in chemistry and/or chemical oceanography required. Previous research experience in an organic geochemistry laboratory in the analyses of trace level organic contaminants in environmental samples using combined gas chromatography-mass spectrometry required. Must be able to communicate effectively verbally and in writing and to work out-of-doors as required.

ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.

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