

BOILERPLATE

Job Code: 100797BP
Position #: (PTAA) (NE)
Developed by: BDJ
Reviewed by: DLJ
Approved by: LK
Date: 08/19; 01/22

UNIVERSITY OF RHODE ISLAND
Position Description

TITLE: Research Assistant I
DIVISION: Academic Affairs (CELS: Cell and Molecular Biology)
REPORTS TO: Principle Investigator
GRADE: 1
SUPERVISES: Assistants as assigned

BASIC FUNCTION:

Under direct supervision, assist in performing routine research work including field sampling, conducting experiments and analyzing data on materials or specimens.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Conduct research on marine plankton, including preparation and conducting field sampling, culturing microalgae and application and analysis of molecular methods including PCR and DNA sequencing.

Perform computer tasks related to scientific data processing, analysis, and interpretation, including analysis of high-throughput sequencing data; preparation of presentation materials; report writing, and data archiving.

Participate in Narragansett Bay field sampling and preparation of oceanographic research cruises.

Handle and maintain technical instruments required for performance of experiments.

Maintain laboratory safety.

OTHER DUTIES AND RESPONSIBILITIES:

Perform other duties, as assigned.

LICENSES, TOOLS AND EQUIPMENT:

Personal computers and printers; word processing, database management, spreadsheet software, other scientific analysis software, laboratory equipment as specified.

ENVIRONMENTAL CONDITIONS:

This position is not substantially exposed to adverse environmental conditions.

QUALIFICATIONS:

REQUIRED: Bachelor's degree in biology, biochemistry or related field; Demonstrated research experience; Demonstrated experience in molecular biology and sterile technique; Demonstrated computer experience (including spreadsheet and other scientific analysis software); Demonstrated organizational skills; Demonstrated strong interpersonal and verbal communication skills; Demonstrated proficiency in written communication skills; and, Demonstrated ability to work with diverse groups/populations.

PREFERRED: Demonstrated experience culturing microbes; and, Demonstrated experience at sea.

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