Posting Details
Posting Number:
6001431
Job Title:
Research Assistant II
Position Type:
Staff
Union:
PTAA - Professional/Tech/Admin Assoc
Status:
Calendar Year
Full-time
Limited
Department:
Fisheries, Animal & Veterinary Sci
Duties and Responsibilities:
This position is limited to 06-27-2015 with extension contingent on funding.

BASIC FUNCTION:
Perform research to elucidate the genetic mechanisms underlying commercially desirable phenotypes in the Eastern Oyster, Crassostrea virginica.

ESSENTIAL DUTIES AND RESPONSIBILITIES:
Perform methods development for high throughput molecular assays.
Perform sample collection and processing.
Perform genetic analyses.
Coordinate collection of data from collaborating laboratories.
Perform data management and analysis.

OTHER DUTIES AND RESPONSIBILITIES:
Perform other duties as required, including maintenance and management of the laboratory and supervision and training of undergraduate and graduate students in laboratory techniques.

LICENSES, TOOLS AND EQUIPMENT:
Personal computer, printer; genetic analysis software; statistical analysis software

ALL REQUIREMENTS ARE SUBJECT TO POSSIBLE MODIFICATION TO REASONABLY ACCOMMODATE INDIVIDUALS WITH DISABILITIES.
Required Qualifications:
REQUIRED:
1) Bachelor's degree in biological sciences or related area.
2) Two years experience applying molecular biology techniques in a research setting.
3) Demonstrated competency in DNA and RNA purification and quantitation.
4) Demonstrated experience with gel electrophoresis.
5) Demonstrated experience performing PCR reactions.
6) Demonstrated skills associated with preparing samples for sequencing.
7) Demonstrated experience analyzing DNA sequence data.
8) Demonstrated knowledge of basic statistical analysis tools.
9) Demonstrated ability to communicate effectively orally and in writing.
10) Demonstrated strong interpersonal skills.
11) Demonstrated ability to interact with diverse groups.

Position Number: 106795
Preferred Qualifications:
PREFERRED:
1) Demonstrated experience with shellfish research (specifically bivalve mollusks).
2) Familiarity with the care and maintenance of marine organisms.
3) Demonstrated experience in genotyping techniques and analysis of genotype data.

Environmental Conditions:
The incumbent may be exposed to hot and cold weather conditions while performing field work and some hazardous chemicals in the laboratory.

Posting Date: 04-09-2014
Closing Date: 05-05-2014

(This date includes grace period if applicable.)

Special Instructions to Applicants:
Please attach two (PDF) documents to the online Employment Application: (1) A cover letter which addresses how you fulfill the required and preferred qualifications, and (2) resume which includes the names/contact information for 3 references.

Pay Rate: $28,357 - $35,559
Pay Grade Level: 3

Physical Demands

Campus Location:
Kingston
Building(s):

Work Hours: