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Position#:(PSA) (E)
Developed by:..TJM
Reviewed by:...DLJ
Approved by:...LK
Date:.01/18; 01/20

UNIVERSITY OF RHODE ISLAND

Position Description

TITLE: Research Associate I

DIVISION: Academic Affairs (CELS: Natural Resources Science)

REPORTS TO: Principal Investigator, Director and/or Dean

GRADE: 7

SUPERVISES: Research assistants and/or others assigned to assist with projects.

BASIC FUNCTION:

Perform independent research work.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Perform independent research work under the direction of the Principal Investigator.

Perform complex experiments involving the use of highly technical instruments and devices under the occasional review of the Principal Investigator.

Perform complex tests on materials or specimens and for analyzing samples.

Conduct conservation genetic analysis of samples.

Write technical reports, manuscripts, and present research results to stake holders and the public.

OTHER DUTIES AND RESPONSIBILITIES:

Perform other duties as required.

Manage laboratory activities related to the Wildlife Genetics and Ecology Laboratory at the University of Rhode Island including purchases, inventory, and safety and risk compliance.

Organize, coordinate, and supervise research assistants, undergraduate students, and volunteers engaged on the project(s).

Under minimal supervision, perform research work on multiple projects including data collection, analysis and reporting.

Support research staff on multiple projects including laboratory and field research on lagomorphs, bobcats, and American black bear in Rhode Island.

LICENSES, TOOLS AND EQUIPMENT:

Personal computers, printers, word processing, database and spreadsheet software; relevant laboratory instruments; laboratory equipment/supplies.

ENVIRONMENTAL CONDITIONS:

Laboratory work is not substantially exposed to adverse environmental conditions. Field work is conducted in thick brush areas that may expose applicant to poison ivy, poison oak, cold weather, snow, ticks, and minor cuts from prickly vegetation.

QUALIFICATIONS:

REQUIRED: Master's degree with graduate school research work experience OR Bachelor's degree with five years of experience; Demonstrated experience using molecular genetics tools to extract DNA and analyze genetic data; Demonstrated strong verbal and interpersonal communication skills; Demonstrated proficiency in written communication skills; Demonstrated supervisory experience; Demonstrated ability to lift 50 pounds (equipment, animal cages, supplies, etc.) and, Demonstrated ability to work with diverse groups/populations.

PREFERRED: Demonstrated experience conducting genetic analyses on DNA extracted from fecal samples or other non-invasively collected samples; Demonstrated experience working with state and or federal biologists; Demonstrated experience conducting conservation genetic research and publishing results in internationally recognized journals; Demonstrated experience writing grants; Demonstrated experience conducting population genetic analyses; Demonstrated experience conducting field research in early successional habitat; and, Demonstrated experience conducting spatial analyses on GPS collared animals.

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