

Department: **Biology**

Working Title: **Research Assistant**

Classification: **Instructional Student Assistant**

Number of Openings: **1**

Pay Rate: **\$15/hour**

Appointment: **20 hours per week**

Expected Dates of Employment: **8/20/2019 to 12/10/2019**

Deadline to Apply: **8/14/2019**

Requisition #: **BIO_ISA_1920_3**

DUTIES OF THE POSITION

The research assistant's work will focus on the effects of predation by the invasive green crab (*Carcinus maenas*) on native shore crabs (*Pachygrapsus crassipes*), in Drakes Estero, Point Reyes National Seashore. They will create an overview map of Drakes Estero with hot-spots of predation on both species of crabs, by river otters and raccoons, along marsh river channels. To accomplish this the research assistant will collect GPS coordinates at the beginning and end of predator track marks along marsh tidal creek channels, in order to quantify predator presence, along with trail camera photos of predators in predicted predator hot spots. The presence of crabs will be determined through the use of shrimp-pot crab traps along with pitfall traps set along, and within, tidal creek systems within the marsh. Traps will be set in locations of high predator activity as well as those of low predator activity. Tether trap experiments will also be performed with two treatments; one with *Pachygrapsus* and *Carcinus* and another with both *Pachygrapsus* in order to gauge the predation of *Carcinus* on *Pachygrapsus*.

MINIMUM QUALIFICATIONS

The ability to learn and perform assigned work; work cooperatively with faculty, staff, and other students; and accept responsibility. Completion of specific coursework may be required in order to teach, grade, or tutor a course. Admission or registration as a University student. Note: Exceptions to the minimum eligibility qualifications may be granted at the sole discretion of the University.

HIRING CRITERIA

The candidate should have the following skill sets: course work completed in ecology and marine ecology, data entry, field data collection, identification of coastal invertebrates and mammals, camera trapping experience, basic understanding of statistics and experimental design.

HOW TO APPLY

Please send application to Dr. Brent Hughes, hughes@sonoma.edu

HIRING NOTIFICATION

Applicants will be notified by email once a final decision has been made.

SUPERVISOR

Dr. Brent Hughes

OTHER INFORMATION

- The classification, Instructional Student Assistant, is one of three classifications in a collective bargaining unit, Unit 11. Instructional Student Assistants, who must be currently enrolled University students, perform tutoring, grading, or teaching-related duties under the supervision of faculty or professional staff.
- Sonoma State University hires only individuals lawfully authorized to work in the United States. All offers of employment are contingent upon presentation of documents demonstrating the appointee's identity and eligibility to work, in accordance with the provisions of the Immigration Reform and Control Act.
- The university is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, or protected veteran status.
- This position is considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.
- Successful candidates may be required to do a background check (including a criminal records check) before work in the position can begin.



SONOMA STATE UNIVERSITY

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