

Juliana Marcotrigiano

Cranford, NJ 07016 • 908-514-9288 • marcotrigianoj@uri.edu

EDUCATION

University of Rhode Island (URI), Kingston, RI
Bachelor of Science in Wildlife and Conservation Biology
GPA: 3.92/4.00, Dean's List

December 2022

RELEVANT COURSEWORK

- Herpetology
- Wildlife Field Techniques
- Fundamentals of GIS
- Illegal Wildlife Trafficking
- Field Ornithology
- Introduction to Forestry

WILDLIFE AND ENVIRONMENTAL SCIENCE EXPERIENCE

Coastal and Environmental Fellowship

April 2021 - Present

University of Rhode Island, Kingston, RI

- Conducted research project analyzing the relationship between the distance wood turtles move from streams to Julian date and temperature
- Completed stream and upland surveys to search for and PIT tag wood turtles in Rhode Island
- Presented my project to faculty and students; received first place award for presentation of scientific research

The Raptor Trust

May 2022 - August 2022

Millington, NJ

- Assisted in caring for and feeding young songbirds and waterfowl
- Medicated injured passerines and corvids and observed care for raptors and owls

Illegal Wildlife Trafficking

January 2021 - Present

University of Rhode Island, Kingston, RI

- Examined illegal wildlife trafficking in pet stores, reptile expos, online sales and global wildlife trade networks
- Researched online pet forums for illegally sold turtle species that had shells less than four inches
- Received a grant from the University of Rhode Island to publish research

TRANSFERABLE EXPERIENCE

CELS Ambassador

September 2022 - Present

University of Rhode Island, Kingston, RI

- Provided guidance about different major paths to prospective wildlife students and their families

President for the Rhody Rhapsodies Acapella Group

December 2021 - May 2022

University of Rhode Island, Kingston, RI

- Prepared material and daily activities for rehearsals and concerts
- Managed the club's budget and organized fundraisers to raise money for performances

COMMUNITY SERVICE

- PIT tagged spadefoot toads during night surveys across Rhode Island using head lamps

SKILLS AND CERTIFICATIONS

- Field: GPS, Radio telemetry, PIT tagging and bird banding
- Computer: GIS, R Studio and Microsoft Office (Word, Excel, Powerpoint)
- Laboratory: Microscopy and basic pipetting techniques
- Language: Spanish for 11 years; Basic knowledge of American Sign Language

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Cathleen D. Moore-Linn
Research Corporation of the University of Guam
UOG Station, Mangilao, Guam 96923

Dear Cathleen D. Moore-Linn,

My name is Juliana Marcotrigiano and I am a senior from the University of Rhode Island (URI) writing to express my interest in the Brown Tree Snake Research Associate position. My major is Wildlife and Conservation Biology and I will be graduating in December of 2022. I learned about this opportunity through the Texas A&M Wildlife and Fisheries Sciences Job Board. I believe that I am a good fit for this position because I have applicable experience in both field and research settings, and I am comfortable handling different wildlife species. From a personal perspective, this opportunity would help broaden my overall skills and further my development in the areas of wildlife conservation and eradicating invasive species. In addition, I want to build on my herpetological knowledge and leadership skills while working with teams and gaining more hands-on experience.

My applicable field experience includes a fellowship where I studied wood turtle distributions across Rhode Island using stream and upland surveys. Specifically, I directed a research project about the relationship between the distance wood turtles were found from streams to temperature and Julian date. My responsibilities included PIT tagging, marking, measuring and weighing turtles, as well as working with other volunteers. At the conclusion of the internship, I presented my project to faculty and students at URI.

I also worked at the Raptor Trust Bird Rehabilitation center where my primary responsibilities were feeding and caring for young songbirds and waterfowl. I worked with other interns and senior staff to provide care for raptors and owls, medicated injured passerines and corvids, and observed multiple necropsies on raptors. This internship gave me experience related to avian husbandry.

In addition to these internships, I participated in spadefoot toad surveys for the Rhode Island Department of Environmental Management and successfully completed a herpetology class that enhanced my ability in identifying reptile and amphibian species. I also enrolled in a research class that focused on illegal wildlife trafficking, where I monitored online forums that sold turtle species under four inches for four months. I'm currently in the process of publishing my data with a professor and other students. These experiences have further motivated me to focus my career path on herpetofauna.

These opportunities have given me invaluable experience in the field, working in team environments, and enhanced my research and leadership skills while handling different species. I believe my experience and skills make me a viable candidate for this opportunity. Thank you for taking the time to review my application. I am very interested in this position and I hope to have the opportunity to further discuss this program with you. I look forward to hearing from you!

Sincerely,

Juliana Marcotrigiano

Brown Treesnake Research Associate I: Guam

Agency

Research Corporation University of Guam in association with U.S. Geological Survey

Location

Guam

Job Category

Full time Positions

Salary

\$19.88 per hour

Start Date

01/02/2023

Last Date to Apply

12/15/2022

Website

[https://www.uog.edu/resources/files/rcuog/job_announcements/ja_2022/pt_ft_positions/RC-22-36 RESEARCH ASSOCIATE I RCUOG USGSBROWNTREESNAKE FOURTHPOSTING.pdf](https://www.uog.edu/resources/files/rcuog/job_announcements/ja_2022/pt_ft_positions/RC-22-36_RESEARCH_ASSOCIATE_I_RCUOG_USGSBROWNTREESNAKE_FOURTHPOSTING.pdf)

Description

Biologists hired under this announcement will be part of the Brown Treesnake Project under the direction of U.S. Geological Survey scientists. Members of the project conduct high-quality research on biology, control, and containment of the brown treesnake, with the eventual goal of restoring native species. Offices and labs are at the Guam National Wildlife Refuge, Ritidian Point, Yigo, Guam, and fieldwork is conducted primarily on northern Guam including on military lands, however, some fieldwork takes place in southern Guam and on Cocos Island.

Project leaders are based at Guam National Wildlife Refuge and at the USGS Fort Collins Science Center and Pacific Island Ecosystem Research Center

Duties include:

- Conducting surveys for brown treesnakes and other species;
- Setting and checking traps and other control tools;
- Conducting capture, animal measurements, humane euthanasia, and necropsy of brown treesnakes and other species;
- Conducting ecological experiments on various vertebrate species in the lab and in the field;
- Extensive error-free data collection, data entry, data proofing;
- Animal husbandry duties for reptiles, birds, rodents, and other animals;
- Maintenance of field sites, lab spaces, equipment, and experimental arenas;
- Contributing to standard operating procedure documents and other documents;
- Participating in team meetings, trainings, outreach events, and other activities;
- Other duties as assigned;

Incumbents will become members of the Brown Treesnake Rapid Response Team and may be required to travel to other Pacific islands on short notice to participate in rapid responses to snake sightings.

Field conditions can be challenging, including extended periods of fieldwork in hot and humid conditions including continuing work during rainstorms; traveling over steep/rocky terrain while carrying equipment, exposure to biting/stinging insects, and handling snakes, rodents, and other animals that may bite.

Application Process:

1. Applicants must complete the RCUOG online job application at <https://www.uog.edu/rcuog/employment-application> or
2. Email RCUOG application, cover letter, resume (must include contact information for three references), and transcripts to rcuoghr@triton.uog.edu. The RCUOG application can be downloaded from <https://www.uog.edu/rcuog/employment-application> and can be submitted digitally along with supporting documents.

Qualifications

Minimum Qualifications:

- Bachelor's degree in Biology, Environmental Science, Zoology, Ecology, or related field from a U.S. regionally accredited institution or foreign equivalent;
- One (1) year of experience relevant to the position OR combination of college credits, technical training, and/or substantial professional level of work experience;
- Must have a valid driver's license and passport;
- Must be able to pass background checks required for access to government computers and military facilities