



RESEARCH CORPORATION OF THE UNIVERSITY OF GUAM

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ANNOUNCEMENT

THE RESEARCH CORPORATION OF THE UNIVERSITY OF GUAM SOLICITS APPLICATIONS TO ESTABLISH A LIST OF ELIGIBLES FOR THE FOLLOWING LIMITED TERM APPOINTMENT, 100% FEDERALLY FUNDED PART-TIME POSITION (SUBJECT TO THE AVAILABILITY OF FUNDS):

Position Title

**Graduate Research Assistant I - WERI
(Water and Environmental Institute of the Western Pacific)**

JOB # RC-18-13

Application Deadline: Open Until Filled

Send RCUOG application, cover letter, resume and transcripts to rcuoghr@triton.uog.edu or submit documents to the RCUOG office located on the 1st floor of the Health Sciences Bldg., Rooms 137, 138 and 121, UOG Campus. The RCUOG application can be downloaded from www.uog.edu/rcuog; located under the Forms subhead.

Salary

Grade J, Step 1, \$14.94 per hour to Step 5, \$17.34 per hour
Temporary, part-time up to 39 hours per week
Benefits: Social Security, medical and dental insurance

The position begins on **upon selection** and ends on **June 30, 2019** based on availability of funds with possibility of extension should additional funds become available.

Location:

WERI, University of Guam campus, Mangilao

MINIMUM QUALIFICATIONS:

- Bachelor's degree in earth science, basic science, or engineering - especially geology or physical geography; physics or chemistry; or civil or mechanical engineering.
- One year of work experience related to degree program

MINIMUM KNOWLEDGE, ABILITIES, AND SKILLS:

- Ability to follow demonstrated procedures. Ability to plan and carry out procedural and technical steps required to complete surveys and field data collection projects.

- Ability to work in the field and hike in difficult terrain in all weather conditions on rugged limestone and in coastal areas where surf is present. Must be able to carry 25 pounds of gear.
- Ability to swim and snorkel in the coastal zone from a boat.

PREFERRED QUALIFICATIONS:

- GIS experience
- Experience in computer programming such as Python, R, or MatLab
- Graduate student in UOG's Environmental Science Program willing to integrate work with thesis research leading to a master's degree in Environmental Science

CHARACTER OF DUTIES:

- Serve on and lead field teams in mapping, photo-documentation, maintenance of on-site instrumentation, and sampling for freshwater discharge on the northwest coast of Guam during spring and summer field seasons (April to August)
- Assist in the deployment, operation, and maintenance of unmanned aerial vehicles carrying infrared imaging sensors
- Download, compiling, analyze, and archive data from UAV-mounted sensors and other platforms, such as rain gauges and on-site water-temperature sensors
- Conduct Geographic Information System (GIS) analysis of thermal and related data
- Assist in the interpretation of thermal imagery and other remotely sensed data in the context of field data collected from coastal exploration and instrumentation on the ground
- Assist other WERI research and augment other WERI research teams on as-needed basis

CLEARANCES

- College transcripts should be submitted with application
- Upon selection, the applicant must submit PPD, police and court clearances to UOG HRO.