



# RESEARCH CORPORATION OF THE UNIVERSITY OF GUAM

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## ANNOUNCEMENT

December 21, 2023

**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 FULL-TIME POSITION (SUBJECT TO THE AVAILABILITY OF FUNDS):**

**Position Title**

**Post-Doctoral Researcher (CNAS – WPTRC)**

**(JOB # RC-24-24)**

**Application Deadline: Position Open Until Filled**

**Application Process:**

1. Applicants must complete the RCUOG online job application at UOG's online employment portal at <https://uog.peopleadmin.com/> or
2. Submit hardcopy documents to the RCUOG office located in House #24, Dean Circle, UOG Campus to apply.

For further questions, please email [rcuoghr@triton.uog.edu](mailto:rcuoghr@triton.uog.edu)

**Salary**

\$28.85 – \$33.65 per hour

Temporary, Full-Time, 40 hours per week

**Benefits:**

Full-Time: Social Security, Medical and Dental Insurance, 4 hours annual leave and 4 hours sick leave per pay period, holiday pay, up to 3% 403(b) match based upon employee contribution of 3%.

### **Minimum Qualifications:**

- Ph.D. in Soil Chemistry/Soil Physics or any related Soil, and Environmental Sciences from a U.S. regionally accredited institution or foreign equivalent;
- Experience in planning and designing experimental plots for field-based trials for studying and measuring greenhouse gases from the farmer's field as well as the research plots at the research stations of the University of Guam (UOG);
- Familiarity and basic knowledge about the Soil Laboratory equipment and instrumentations such as atomic absorption spectrometer (AAS), nitrogen carbon (NC) analyzer, liquid flow analyzer (LACHET), and other instruments available at the UOG soil labs for soil testing and analysis;
- Professional level of experience relevant to the position;

### **Minimum Knowledge, Skills, and Abilities:**

- Knowledge or willingness to learn and use greenhouse gas measuring equipment such as Gasmeter multi-gas analyzer and/or other similar systems;
- Basic computer knowledge and familiarity with Excel and similar programs for data compilation and processing;
- Knowledgeable in Applied Statistics (esp. Analysis of variance (ANOVA), multivariate analysis) and other Statistical programs;

### **Character of Duties:**

The Western Pacific Tropical Research Center (WPTRC) is seeking a Post-Doctoral Researcher in Soil Sciences to conduct research experiments in Climate Smart Agriculture and to perform the following duties:

- Frequent field work, chamber installation for greenhouse gas measurement, considerable lab work (soil and water sample preparation and analysis) and data collection and reduction;
- Evaluate the land application of carbonized material such as 'biochar' as soil amendment for improving soil health while reducing the greenhouse gas (GHG) emission from the treatment plots/farm fields;
- Other duties assigned;

The project seeks to address greenhouse gas (GHG) emission reductions in agriculture as well as the forestry systems in the islands of Western Pacific. The project seeks to improve affordable food and nutrition security of disadvantaged, at-risk, island communities through an inter-disciplinary, culturally sensitive approach by working with local farmers and forestry managers. Potential outcomes from the project expected to include a reduction of GHG emissions, improved soil health, and increased agricultural yield of climate- smart commodities demanded by the current island markets.

UOG Station, Mangilao, Guam 96923

Tel: (671) 735-0336/0249/50/51 Email: [rcuoghr@triton.uog.edu](mailto:rcuoghr@triton.uog.edu)

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This project aims to develop a better understanding of the impact of local agricultural and forestry systems and trade on GHG emissions in Guam and the Commonwealth of the Northern Marianas Islands (CNMI) within the context of global impacts. The work of the project is to build local capacity in the Western Pacific region to efficiently measure GHG emissions in agriculture and forestry systems. Also, to evaluate the costs and benefits of climate-smart agricultural commodities and practices for effective GHG emission reduction, more fertile soil, increased agricultural yield, and improved food quality and affordability.

This project is part of the research programs of the Western Pacific Tropical Research Center (WPTRC) at the University of Guam. The grant for this research project was awarded by the NRCS-USDA and has been funded for five years to conduct the research project on farmer's farm in porous soils of Northern Guam as well as the acidic soils of southern Guam.

**Police and Court Clearance:**

Pursuant to Public Law No. 28-24 and Executive Order No. 2005-34, applicants selected for a position are required to provide original police and court (Superior Court of Guam) clearances of no more than three (3) months old prior to commencement of employment. Off-island applicants must obtain clearances from their place of residence. Applicants are responsible for fees associated with obtaining the clearances.

**Work Eligibility:**

- Submission of completed job applications authorizes the Research Corporation of the University of Guam to seek and obtain information regarding the applicant's suitability for employment. All factors which are job related may be investigated (i.e., previous employment, educational credentials, and criminal records).
- All information obtained may be used to determine the applicant's eligibility for employment in accordance with equal employment opportunity guidelines. In addition, the applicant releases previous employers and job-related sources from legal liability for the information provided.
- Should an applicant be convicted of any crimes other than a minor traffic violation, all applicable information must be provided in the form of a police clearance report and court clearance report. Failure to admit any felony convictions may result in immediate disqualification or disciplinary action.
- Section 25103, Chapter 25, Title 10 of the Guam Code Annotated requires college or university employees to undergo a physical examination, to include a test for tuberculosis (skin or x-ray), prior to employment and at least annually thereafter. A report of such examination must be conducted by a licensed physician within a state or territory of the United States and must be submitted upon request.
- Federal law requires presentation of eligibility to work in the United States within seventy-two (72) hours of reporting for employment. Specifically, 8 USC 1324A requires the employer to verify the identity and eligibility to work in the United States of all newly hired employees. The Research Corporation of the University of Guam is required to comply with this law on a non-discriminatory basis. If you are hired to fill a position with the Research Corporation of the University of Guam, you will be required to present valid documents to comply with this law.

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The Research Corporation of the University of Guam complies with Public Law 24-109 in reference to the provisions and requirements of the Americans with Disabilities Act. Assistance in EEO/ ADA matters and inquiries concerning the application of Title IX and its implementing regulations may be referred to the University's Director, EEO and Title IX/ ADA Coordinator, located at the EEO/ ADA and Title IX Office, Dorm II, Iya Hami Hall, Room 104, Telephone No. (671) 735-2244; TTY (671) 735-2243; or to the Office of Civil Rights (OCR).