



**THE UNIVERSITY OF THE WEST INDIES
MONA, JAMAICA, WEST INDIES**

The University of the West Indies (UWI) is a dynamic, international institution serving the countries of the Commonwealth Caribbean. Its faculties offer a wide range of undergraduate, masters and doctoral programmes in Humanities and Education, Science and Technology, Engineering, Law, Medical Sciences and the Social Sciences. At 70 years old, the institution represents the oldest of its kind within the region and has been responsible for producing outstanding leaders who have made remarkable contributions to regional development.

Applications are invited from suitably qualified individuals for the post of:

**Research Fellow/Senior Research Fellow - Earthquake Unit
Department of Geography and Geology
Reference No. MPN100322**

The Earthquake Unit is a research unit in the Department of Geography and Geology and is a public agency funded directly by the Jamaican Government and is responsible for Seismic monitoring and research in Jamaica. The Earthquake Unit operates the Jamaica Seismograph Network (JSN), the Jamaica Strong Motion Network, one USGS/GSN station and a GPS monument network.

The successful candidate will be required to:

- Lead the EQU program in seismology and related areas;
- Assist with the development and supervision of post-graduate students involved in this discipline;
- Maintain the national, instrumental, earthquake catalogue, ensuring its completeness and consistency;
- Responsible for the efficient operation and maintenance of the seismic network;
- Provide oversight to the technical seismology staff and coordinate and contribute to their ongoing training and development;
- Interpret seismic data and report to the Head of Department regularly, particularly with regard to the necessity for and timeliness of warnings to be provided to the Office of Disaster Preparedness and Emergency Management (ODPEM);
- Assist with the day-to-day running of the EQU.

Essential Qualifications And Experience:

- Minimum of a PhD or equivalent in Seismology or Geophysics;
- Demonstrated scholarly research.

Candidates who possess the following will be at a distinct advantage:

- Experience in the operation of modern telemetered digital seismograph networks for the detection and assessment of regional earthquakes;
- Knowledge of computer programming and software development would be highly beneficial;
- Experience with Python, Earthworm, Seisan, Seiscomp, and programming in Python, C and C++, will be particularly advantageous;
- Work experience in a similar institute would be an asset;
- Experience in a leadership role would be advantageous. Administrative experience within an academic institution.

For further particulars regarding the University of the West Indies and the Department of Geography and Geology, visit us at www.mona.uwi.edu/dogg

Applicants are required to submit a completed employment application form, curriculum vitae, (inclusive of a statement on teaching and research interests), giving full particulars of qualifications, experience, the names and addresses of three (3) referees (one of whom should be from your present organization) and copies of academic qualifications. These should be sent by electronic mail to hrrmd.odes@uwimona.edu.jm addressed to the **Campus Registrar** for the attention of the **Director, Human Resource Management Division, The University of the West Indies, Mona Campus, Kingston 7, Jamaica**. All applications must include the reference number **MPN104049** in the subject line of the email. The final date for receipt of applications is **February 21, 2020**. Applicants are advised to ask their referees to send reports under confidential cover to the above address without waiting to be contacted.

The successful candidate is expected to assume duties on **August 1, 2020**.

The University thanks all applicants. However, due to the volume of applications, only shortlisted candidates will be contacted.