



Post-doctoral Research Fellowship

Focus Area: Biomedical and Molecular Metabolism Research (BioMMet) | Neurobiology Systems and Metabolism Hub| North-West University (Potchefstroom Campus)

Dr. Monray Williams and Prof Du Toit Loots

Position:

Biomedical and Molecular Metabolism Research (BioMMet) at North-West University in Potchefstroom, invites applications for a postdoctoral fellowship.

Research project description:

This investigation is primarily aimed at employing a multi-platform research approach to better characterise and understand various diseases, including but limited to tuberculosis, diabetes, HIV/AIDS, pneumonia and neuropathogenesis of disease.

Post-doctoral fellow responsibilities:

- Pre- and or post-graduate module lecturing
- Supervision of pre- and post-graduate students
- Day-to-day management of main research project associated with fellowship
- Development and implementation of laboratory experiments associated with main research project
- Primary liaison between collaborating institutes

Minimum requirements:

- Ph.D. in Biochemistry or related field
- PhD within the last 5 years and below the age of 45 years old.
- Experience in Metabolomics research
- Cell culture experience will be an advantage
- Experience in multiplex/ELISA analysis
- Experience in working as part of a multi-disciplinary team
- Excellent communication (English) and management/leadership skills
- Strong publication record
- MS Office suite proficiency

Please note: This is a full-time position, and fellows are not permitted to hold any other paid full-time employment positions during the tenure of the fellowship.

Value of the Fellowship

R249,000 per annum, with a R50,000 top-up and continued publication incentives. Renewal will be annual, based on performance.

Application submission:

To apply, please submit the following documents to Dr. Monray Williams (Monray.Williams@nwu.ac.za):

- **Cover letter and personal statement:** Indicating why you are interested in the position and why you should be considered
- **Reference letters:** Minimum of two reference letters (maximum of three letters) from previous supervisors and/or employers (should include contact details of referee)
- **Curriculum vitae**
- **Certified copy of your complete academic transcript**
- **Certified copy of your Doctoral degree certificate**
- **Certified copy of your identity document (Applicants who are not South African citizens must provide certified copies of their valid passport)**

Closing date for application submission:

15th November 2025

Starting date

February/March 2026