

Postdoctoral Fellowship in the Department of Psychiatry, Stellenbosch University (Deadline 15 November 2024)

We are seeking a motivated Postdoctoral Fellow in the Department of Psychiatry, Stellenbosch University. The successful candidate will have the opportunity to work with a dynamic, multidisciplinary group of researchers in the Neuropsychiatric Genetics Research group. The **overarching aim of the research** to be undertaken by the postdoctoral fellow will be to investigate the association between dietary intake and metabolic syndrome in PTSD, Schizophrenia and Parkinson's Disease, and to investigate potential factors (gut microbial composition and DNA methylation) that may mediate this relationship.

The candidate is expected to have a record of publication in high-quality, peer-reviewed journals in any area of the biomedical sciences. Experience in one or more of the following areas is preferred:

- Human microbiota analysis
- Next-generation sequencing (NGS)
- Analysis of dietary information

Candidates will be expected to:

- solve problems collaboratively and independently
- be able to prioritise and shift focus to other projects when required
- have excellent communication and interpersonal skills
- work well within a team
- have a track record of collaboration with scientific researchers
- contribute to the writing and submission of journal manuscripts
- perform supervisory/co-supervisory duties
- assist with writing/co-writing funding applications.

Requirements:

- PhD degree in biochemistry, microbiology, molecular biology, or related field, **obtained within the last 5 years**
- Strong written and oral communication skills
- Track record of publishing in peer-reviewed journals
- Track record of successfully performing appropriate bioinformatics analyses for a range of different projects

The fellowship is tenable for one year with the possibility to extend to a second year, depending on satisfactory progress. The fellowship is tax-free, provided certain conditions are met.

How to apply:

Please send a cover letter, with CV, indicating your research outputs and the names and current contact details of three referees to:

Prof. Sian Hemmings: smjh@sun.ac.za [subject heading: Postdoc2025]

Deadline 15 November 2024. Please direct any queries to Prof Hemmings via email: smjh@sun.ac.za