



SEFAKO MAKGATHO
HEALTH SCIENCES UNIVERSITY

Research and Innovation

POSTDOCTORAL RESEARCH FELLOWSHIPS ADVERTISEMENT

The University strategy focuses on developing excellence in teaching and learning, growing research and innovation. Over the next 4 years we will continue to increase our research productivity by strategically placing University investment into areas where potential excellence is nurtured. Amongst others, the University will actively recruit and attract postdoctoral research fellows to provide an opportunity to make a significant contribution in the development of postgraduates as well as in advancing new scientific knowledge and innovation in their chosen research field.

The Research and Innovation Directorate therefore invites applications from eligible individuals with a doctoral degree to apply for the following Postdoctoral Research Fellowship opportunity:

- **Research and Innovation Directorate** (Genomics and Bioinformatics)

The role of Postdoctoral Research Fellows

- Conduct research on an approved research niche under the supervision of an Established Researcher;
- Publish **3 or more peer-reviewed research articles per year**; and assist in teaching, supervising, and mentoring of postgraduate students.

Value for support

Postdoctoral Fellowship	Research	Value (R)	Duration
		300 000 pa*	2 years**

* Value is tax-exempt

** Subject to annual submission of satisfactory progress report and the availability of funding.

Minimum Requirements:

- PhD in Molecular Biology, Human Genetics, Bioinformatics, Computational Biology or related fields within the last five years.
- Strong background and experience with standard molecular genetics/ molecular biology technologies and next generation sequencing
- Experience in data mining, pipeline construction and next generation sequencing analysis and bioinformatics.
- Clinical diagnostic experience preferred

In addition, applicant should have:

- Knowledge and experience working with commonly used database and bioinformatics tools
- Experience in analysis and interpretation of whole genome sequencing data
- Strong analytical and organization skills
- Work effectively with an interdisciplinary team of Scientists and Clinicians

Eligibility Criteria

Applicants must:

- Be South African citizen/ permanent South African resident
- Have obtained a doctoral degree
- Evidence of published research articles in peer-reviewed journals output
- Have some experience in postgraduates' supervision; and
- Excellent oral and written communication skills.

How to apply

To apply, please send the following documents

- A motivation letter which summarises your relevant expertise and experience;
- Full curriculum vitae with a list of publications or other scholarly outputs;
- Certified copies (within the last 6 months), of ID/ passport academic transcripts and certificates;

and

- A one-page summary of research interest.

Applicants must be submitted to Ms. Fulufhelo Malamatsho at researchcapacity@smu.ac.za before or on Wednesday, **24 May 2023**. **Late applications will not be considered.**

It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualification Authority (SAQA). Failure to submit the requested documents/information will result in your application not being considered. Should you not hear from us within 3 months of the closing date, please consider your application as unsuccessful.

The University reserves the right not to make an award or make fewer awards.

“Knowledge for quality health services”