



## Research and Innovation Directorate

### POSTDOCTORAL RESEARCH FELLOWSHIP POSITION

**Closing date: 24 April 2026**

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

The Research and Innovation Directorate invites qualified individuals holding a doctoral degree to apply for the Postdoctoral Research Fellowship *in the School of Science and Technology, Department of Mathematics and Applied Mathematics*

#### Role of the Postdoctoral Research Fellow

- Conduct research in an approved niche such as Topology, Functional Analysis, Measure Theory, Complex Analysis, Graph Theory
- Publish research findings in peer-reviewed journals and assist in the supervision and mentoring of postgraduate students working in the field of Topology, Functional Analysis, Measure Theory, Complex Analysis, Graph Theory.
- Supervise and lecture postgraduate students.



## Minimum Requirements

- Graduated within the last five years with a relevant PhD in a relevant Mathematics discipline (e.g. Topology, Functional Analysis, Measure Theory, Complex Analysis, Graph Theory)
- Proficient in Mathematics software (e.g. Latex, Python, Mathematica, MATLAB)
- Excellent presentation skills.
- Excellent verbal and written communication skills
- Demonstrates a publication record.

## Eligibility criteria for appointment of postdoctoral research fellows

- a) Must hold a doctoral degree in the relevant discipline (candidates awaiting results will not be considered)
- b) Must be a South African citizen or permanent South African residency,
- c) Must have proven publication track record and some experience in postgraduate teaching, supervision, and mentoring.
- d) Must be willing to commit to a **two-year appointment**, which will be renewable every year based on performance.

## Value for support

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

\* Value is tax-exempt

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

## How to apply

To apply, please submit the following documents:

- 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 interests.

Applicants must be submitted to Ms Fulufhelo Malamatsho at [researchcapacity@smu.ac.za](mailto:researchcapacity@smu.ac.za) on or before **24 April 2026**.

**Late applications will not be considered.**

### **Contact information**

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. Queries about the position may be sent to Prof Maggie Aphane at [maggie.aphane@smu.ac.za](mailto:maggie.aphane@smu.ac.za)

**The University reserves the right not to make any appointment.**