

TSHWANE UNIVERSITY OF TECHNOLOGY AND STELLENBOSCH UNIVERSITY COLLABORATIVE POSTDOCTORAL RESEARCH FELLOWSHIPS CALL

Applications are invited from suitable candidates for a TUT-SU collaborative postdoctoral research fellowship in the Department of Biomedical Sciences at the Tshwane University of Technology (TUT) and the Division of Disability and Rehabilitation Studies at Stellenbosch University (SU). The programme will allow a successful candidate to spend a year each at TUT and SU working on a coherent and multi-disciplinary research project. Renewal for a second year will be based on satisfactory performance during the first year. The academic hosts, one at TUT and one at SU, will provide mentorship.

Research field/area:

- Digital anatomy and three-dimensional facial morphology.
- Facial prosthetics and rehabilitation.
- Artificial intelligence and machine learning applications in anatomical reconstruction and prosthesis design.
- Statistical shape modelling and estimation of missing facial anatomy.
- Three-dimensional optical surface scanning and digital modelling.
- Semi-automated, clinician-guided workflows for individualised facial prosthesis design.
- Clinical validation of digital technologies for facial rehabilitation.
- Digital health and assistive/rehabilitation technologies.

Minimum requirements:

- A doctoral degree in Medical Orthotics and Prosthetics, Rehabilitation Sciences or related field obtained within the past five years.
- Applicants must have a proven track record of research publication in accredited or peer-reviewed journals.
- Demonstrated ability to present research findings at national and international conferences.

Value of fellowship:

- ZAR 350 000 per annum tax free

Interested candidates should submit the following documents to RepsoldL@tut.ac.za and lieketseng@sun.ac.za ; detailed CV, certified copies of all relevant qualifications, ID or passport, and a one-page research proposal that the candidate wish to pursue during the fellowship.

Enquires: Dr L Repsold, +27 12 382 6169 and Prof Lieketseng Ned, +27 21 938 9090

Closing date: **18 September 2026**