



GENS Africa-UK Trilateral Research Chair

School of Public Leadership, Stellenbosch University

Postdoctoral Fellow Position

Research Theme: Gendered Innovations in Energy Transitions in Urban Poor Environments

Context

This research is linked to a 5-year research of the Stellenbosch University Africa-UK Trilateral Chair, '*Mainstreaming Gender for Energy Security in Poor Urban Environments*', in short Gender for Energy Security (GENS). Funded by National Research Foundation (NRF) of South Africa and the Newton Fund through the British Council, the GENS Trilateral Research Chair at Stellenbosch University collaborates with Brunel University London and University of Nairobi (<https://gens.sun.ac.za/>). The GENS Trilateral Research aims to advance knowledge on the area of security of energy services in urban poor environments, with a particular focus on gender equity and equality. Two living labs will be implemented in South Africa (Paarl) and Kenya (Nairobi), where, in collaboration with communities, companies, NGOs and policy makers, interventions to improve energy security will be ideated, developed, and prototyped and tested. This will pave the way to the commercialisation of innovative solutions and the implementation of supporting policies.

Gendered innovations in energy transitions in urban poor environments focuses on developing empirical and theoretical understanding of gendered energy technology innovations and support the design and implementation of the GENS living lab in South Africa case study. As such, the GENS Trilateral Research Chair is seeking 1 Postdoctoral Fellow to work on the following:

- Design and development of the GENS Living Lab to support gendered energy technology innovations in the South African case study.
- Develop theoretical framework on gendered energy technology innovations.

An appointment will be made for not less than 12 months and not more than two years.

The postdoctoral bursary is **R 300 000** per annum which is tax free. No additional benefits since postdoctoral fellows are not appointed as employees.

Tasks

As a postdoctoral fellow the incumbent will work with GENS Trilateral Chair at Stellenbosch University, and wider project collaborators in University of Nairobi and Brunel University. Prof Josephine Musango will be the academic supervisor at Stellenbosch University, who will work with the incumbent on the specific research questions for the project as well as the overall team in the Chair. The postdoctoral fellow will be expected to write at least one full-length, peer-reviewed journal article, and a conference paper per year. Funding is available to attend at least one international conference provided a paper will be presented.

Requirements

- A PhD from a recognised academic university in an appropriate field of study related to energy transition in an African context (must have graduated within the last five years), preferably with knowledge and experience in design thinking and /or industrial engineering.
- Knowledge in the process and development of living labs
- Experience in conducting research at an advanced level in a multi- and inter-disciplinary environment.
- Knowledge in gendered innovations
- Ability to work with quantitative modelling software and simulation modelling,
- Good network of international professional, research and training contacts
- Very good command of the English language
- At least two journal articles published or accepted for publication in peer-reviewed journals.
- Ability to work in a multi-stakeholder environment.
- Knowledge and experience in transdisciplinary research and data collection in urban informal settlements will be an added advantage.

Enquiries:

Prof Josephine Kaviti Musango on +27 21 808 4338 or jmusango@sun.ac.za

<u>Commencement of duties:</u>	As soon as possible, but not later than 1 July 2021
<u>Closing date:</u>	Open until filled.
<u>Application procedure:</u>	Send a letter of application, accompanied by a comprehensive curriculum vitae, including a list of publications and the names and contact details of at least two referees, to jmusango@sun.ac.za
<u>Referee reports:</u>	Applicants should request their referees to forward confidential reports as soon as possible to jmusango@sun.ac.za

The University reserves the right not to make an appointment.