



# 2x POST-DOCTORAL RESEARCH FELLOWSHIP (2024 - 2025)

The Research Office at Sol Plaatje University, Kimberley, South Africa, invites applications from suitably qualified candidates for a postdoctoral fellowship position. We are seeking a postdoctoral fellow who are ready to contribute to this vibrant research environment and make a lasting impact. This position is available to be taken up in 2024

## LANGUAGES IN EDUCATION (Reference No. PD/04/2024)

**Transforming Education through a multilingual lense within a digital context**

**Overview:** To investigate the practices, challenges, prospects and affordances of multilingualism in education transformation.

**Focus areas:** The use of African indigenous languages to promote multilingual Education

- Translanguaging as a pedagogical tool in multilingual contexts
- Material development in indigenous languages
- Multilingualism within the digital learning and teaching spaces
- Multilingualism in research and knowledge production
- Multilingualism as a social justice imperative
- The AI affordances in developing student voice and academic literacies

**Minimum requirements:**

- PhD in a relevant discipline (English Education OR English Language Teaching OR Applied Linguistics with a teaching qualification) obtained within the past 5 years
- Demonstrable experience publishing articles in peer-reviewed journals
- Good writing and presentation skills
- Good conceptualization skills
- Experience in teaching and student supervision will be an advantage

## APPLIED DATA SCIENCES (Reference No. PD/03/2024)

**Description of planned research**

The planned research will focus on utilising large datasets for multiple studies across different domains. The fellow will be involved in all aspects of data wrangling, including data acquisition, cleaning, feature engineering, and data analysis. They will also be expected to develop and implement machine learning and natural language processing models to extract meaningful insights from the data. This fellowship offers an exciting opportunity to work on cutting-edge research projects and collaborate with leading researchers across multiple fields within the Faculty of Natural and Applied Sciences and domain experts from other non-science disciplines. The successful candidate will have the chance to publish their findings in high-impact journals and conferences.

**Minimum requirements:**

- PhD degree in Data Science, Computer Science, Information Systems, Mathematical Sciences, or Engineering.
- Experience in data science methodologies, including data design, curation, cleaning, and analysis.
- Coding experience in languages such as R or Python, and familiarity with other data analysis tools and libraries.
- Ability to apply machine learning, deep learning, and natural language processing techniques across different use cases.
- Evidence of publications in accredited journals indexed in the Web of Science.
- Open to all South African and Foreign nationals for full-time research at the Sol Plaatje University.
- The candidate must have completed their doctoral studies within the past five years in the fields relevant to the position.
- Successful applicants may not hold full-time salaried employment during the fellowship.
- Applicants who are selected for the fellowship must be able to relocate to the SPU for the full length of the award. This is a residential fellowship, which means that the recipient is obligated to spend at least 80% of their postdoctoral stay at SPU.

**Bursary Value: The fellows will receive a flat rate, a tax-free bursary of R280 000 for one year (to cover living expenses) and R40 000 additional research expenses fund. Extension to a second year will be subject to performance.**

**Application procedure:** Each application is to be accompanied by a completed application form (see attached) and the following supporting documents:

- a full Curriculum Vitae
- certified copies of ID documents/passport
- certified copies of your academic record
- two letters of reference
- a letter of motivation
- a brief description of proposed research.

[Click here to download the application form.](#)

**Proposed starting date: 1 September 2024**

Applications and supporting documentation to be sent to the following email address [post.doctoral@spu.ac.za](mailto:post.doctoral@spu.ac.za) with "Research Office Post-Doctoral Fellowship + Reference No" in the subject line.

**Contact details**

For questions regarding the application process, project, or academic queries: [post.doctoral@spu.ac.za](mailto:post.doctoral@spu.ac.za)

**Applications close: 20 August 2024**

*Sol Plaatje University and the Research Office reserve the right not to fill this fellowship if no suitable candidates are identified. If no response has been received within 21 days of the closing date, candidates may assume that their applications were unsuccessful.*