



#### **VISION**

##### **Shape and own the future**

To be a transforming, equitable, sustainable, and academically excellent University of Technology anchored in its communities.

#### **MISSION**

To offer technological, career-directed educational programmes focussing on the innovative problem-solving research and engage with government, business, industries and communities as end-users.

### **DIRECTORATE FOR COMMUNITY ENGAGEMENT AND DEVELOPMENT (CEAD)**

#### **POSTDOCTORAL RESEARCH FELLOWSHIP** (Participatory design for climate change adaptation) **One-Year Fixed Contract**

#### **Key Performance Areas:**

- Initiate and conduct community-based participatory action research.
- Facilitate participatory design circles for climate change adaptation.
- Co-ordinate sustainable smart agricultural practices and climate modelling.
- Transform qualitative and quantitative data into publishable materials.
- Monitor and evaluate research projects.
- Communicate science through various methods.
- Engage strategic stakeholders such as Indigenous Local Knowledge keepers (ILEK) for climate smart agricultural practices.
- Present the research project in relevant platforms such as conferences, colloquia, symposia, seminars etc to strengthen research findings.
- Ability to publish manuscripts (review and research) in accredited journals and peer reviewed conference proceedings.
- Write reports on progress regarding the research project.
- Draft grant applications to broaden the research.
- Co-supervise relevant postgraduate research and/or collaborate with researchers on the subject of climate change.
- Initiate, develop and/or be involved in research collaborations and networking for joint ventures.

#### **Minimum Requirements:**

- A recently earned PhD (within the last five years) in climate change adaptation studies, such as Environmental Management studies; Agricultural Economics and/or Extension (but focusing more on sustainability); Development studies; or any other climate change adaptation and mitigation related areas.
- South African citizens or permanent residents will be prioritised.
- International Postdoctoral Research Fellows must have a long-term visitor's visa endorsed for academic activities affiliated with MUT (Section 11(1)(b) Visitors Visa).
- A solid knowledge of climate change adaptation and ILEK systems
- At least 2 published articles in the last two years (24 months) in accredited journals
- Working knowledge and experience with analytical software, such as Statistical Package for the Social Sciences (SPSS), Stata and Statistical Analysis System (SAS).
- Has not held full-time permanent academic or professional employment.

**Recommendations:**

- Track record of, and passion for community development.
- Experience in postgraduate student mentorship will be an advantage.
- Knowledge of local language will be an added advantage.
- Knowledge of climate-related software will be an added advantage.

**Competencies:**

- Literature review
- Computer literacy
- Ability to work independently or with minimum supervision.
- Knowledge of writing for publication
- Skilled in identifying accredited journals for publications.
- Excellent oral and written communication skills
- Ability to interpret climate change-related and social sciences data.
- Good organizational skills

---

**Stipend:** R300 000.00 per annum (tax-exempt)

Interested applicants should send (a) a motivation detailing the extent to which they meet the requirements of the position; (b) an application form (downloadable from [www.mut.ac.za](http://www.mut.ac.za)); (c) a Curriculum Vitae; (d) certified copies of academic qualifications plus academic records, proof of professional registration with a relevant professional body where applicable and copy of a valid driver's license. **(Please provide academic transcripts and SAQA evaluation certificate, if qualifications were obtained outside South Africa)**; and (e) names of three contactable referees to: Department of Human Resources and Development, via email: [hr@mut.ac.za](mailto:hr@mut.ac.za). copied [mandleni@mut.ac.za](mailto:mandleni@mut.ac.za)

Enquiries: Tel (031) 9079413

**Closing Date: 10 March 2025**