



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.

DEPARTMENT OF COMMUNITY EXTENSION

POSTDOCTORAL RESEARCH FELLOWSHIP

(Food Systems Sustainability and Innovation)

One-Year Fixed Contract

Key Performance Areas:

- Demonstrate the familiarity towards sustainable food systems in consideration of agricultural, health disparities and social inequities.
- Experience in analyzing indigenous knowledge system trajectory towards addressing food and nutrition security.
- Knowledge of food systems simulation model and explore nutrition sensitive approaches in agricultural practices.
- Contribute to the design of surveys and fieldwork to promote environmental sustainability.
- Implementation of the market and food environment surveys focusing on NUCs edible medicinal plants and other research studies.
- Implement innovative agronomy and farming systems research approaches and to understand adoption processes, technology targeting, and the enabling environment to support sustainable intensification at scale.
- Manage statistical packages and analysis for both qualitative and quantitative data. Whilst working within existing data sets and developing to formulate innovative research outputs.
- Ability to draft grant applications for broad multidisciplinary research areas.
- Successfully develop workplan, implement agreed plans and project activities.
- Assisting in overall management and contribute to the various activities of the research projects.
- Experience identifying and applying for competitive external funding.
- Initiating, developing and/or being involved in research networks, collaborations (i.e. formulating spin-offs, and joint ventures), institutional partnerships, and the organization of research events.

Minimum Requirements:

- The candidate must possess a relevant doctoral degree PhD (Agriculture/Food Security, Food Science/Nutrition) obtained within the past 5 years.
- South African citizens and permanent residents will have priority.
- 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)
- At least 3 published journal papers in the last 24 months.
- Self-directed and ability to lead projects and learn new skills.
- Mature, organized, professional and courteous.
- Has not held full-time permanent academic or professional employment.

- Established track record of publications and conference contributions related to the outlined research areas.

Competencies:

- Have a mix of practical field skills, quantitative abilities, appreciation of inter-disciplinary work, and a core commitment to achieving science- led sustainable agricultural development.
- Excellent oral and written communication skills.
- Excellent interpersonal and organizational skills.

Salary Scale: R300 000.00 basic salary per annum – with no benefits

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); (c) a Curriculum Vitae including a list of research publication, conference papers, and other scholarly outputs; (d) certified copies of academic qualifications plus academic records and proof of professional registration with a relevant professional body where applicable. **(Please provide academic transcripts and SAQA evaluation certificate, if qualifications were obtained outside South Africa)**; and (e) names of three contactable referees at email: hr@mut.ac.za copied to XMkhize@mut.ac.za

Enquiries: Tel: (031) 907 7643 / 9514

Closing Date: 22 March 2024

Mangosuthu University of Technology is committed to meeting the objectives of Employment Equity to improve representivity within the institution. Preference will be given to applicants from designated groups in accordance with our Employment Equity targets including people with disabilities.