



THE NELSON MANDELA
AFRICAN INSTITUTION OF SCIENCE AND TECHNOLOGY
(NM-AIST)
Re-advertised

Announcement of two Post-Doctoral Fellowships; (1) on Antimalarial Drug & Vaccine Development and (1) on Development and Enhancement of Bio-fertilizers and Bio-pesticides under the O.R. Tambo Africa Research Chair.

The Nelson Mandela African Institution of Science and Technology (NM-AIST) in Arusha, Tanzania, through its O.R. Tambo Africa Research Chair on Nanoscience, Nanotechnology and Pheroid technology for Enhanced Antimalarial Drug Efficacy and Optimized Agricultural products in the Sub-Saharan Region (O.R. Tambo), is looking for highly motivated and qualified candidates to apply for Post-doctoral position on Development of Antimalarial Drug & Vaccine for Better health and on Development and Enhancement of Biofertilizers and Biopesticides for improved agricultural productivity. The Post-doctoral Fellow working on Agriculture will be engaged at NM-AIST Arusha, while the fellow working on Antimalaria drug and vaccine will be engaged at North-West University in South Africa. The two post-doctoral fellows will report to O.R. Tambo Chair Holder.

Please note that this is a re-advertised position and do not re-apply if you have already submitted your complete applications.

Roles of Post-Doctoral Fellow:

1. Undertake high quality, demand-driven researches
2. Coordinate processes for commercialization of research products.
3. Coordinate and Supervise PhD and MSc students undertaking their research work in the related field.
4. Identify and respond to calls for proposals to diversify funding for the establishment of O.R. Tambo Africa Regional Research Chair Platform.
5. Identify and engage potential stakeholders, researchers, investors, funding agents to expand O.R. Tambo Research Chair ecosystem.
6. Support establishment of O.R. Tambo Africa Research Chair Platform/Foundation on Nanoscience for Sustainability.



Specific Eligibility Criteria

1. At least three years' experience in undertaking related researches with view of commercialization of findings.
2. Understanding of research product development and commercialization process will be an added advantage.
3. Experience in supervising students and coordinating big research projects.
4. Proven experience in developing grant-winning proposals in your field of specialization.
5. Knowledge and understanding of nano science and nanotechnology/Pheroid technology applications will be an added advantage.
6. Completion of PhD within the past five (5) years.

Application Procedures:

The applicants will be required to submit the following:

- 1) One page of motivation letter explaining clearly how your past experience and academic qualifications can support attainment of above objectives.
- 2) Copies of academic transcripts and certificates (PhD and MSc) in relevant fields.
- 3) Evidences of excellent command and knowledge of computer application programs such as Word, excel, power point, and MS Project.
- 4) A Curriculum Vitae (CV) maximum of 3-pages.
- 5) Evidence of at least one (1) peer reviewed published or accepted paper as a 1st Author in the related field.
- 6) Evidence of at least two (2) published or accepted papers as a co-author in related field.
- 7) Currently employed/working in related field for which you are applying for post-doctoral fellow, in a research organization/academic institution.
- 8) Two Recommendation Letters, one from your current employer and the other from your academic referee to support your fellowship application.

Other instructions:

1. Incomplete documents or failure to follow instructions will automatically lead to disqualification.
2. Only shortlisted candidates will be informed for interviews
3. All applications and supporting documents must be sent to NM-AIST using the following email: createspostgrad@nm-aist.ac.tz
4. Indicate the title of the fellowship you are applying for at the email subject.

Deadline for receiving applications is on Friday, 9th September, 2022.