



CALL FOR APPLICATIONS FOR PhD SCHOLARSHIPS ON ANTIMICROBIAL RESISTANCE SOLUTIONS IN COMMERCIAL POULTRY IN TANZANIA

DEADLINE 25TH MAY 2022

Background

Sokoine University of Agriculture (SUA), in collaboration with the Ministry of Livestock and Fisheries (MLF) in Tanzania is executing a collaborative research project on Antimicrobial Resistance Solutions in Commercial Poultry. The project is supported by the International Centre for Antimicrobial Resistance Solutions (ICARS) based in Denmark. Strategically, the project is divided in two thematic areas “Vaccination and Biosecurity Regimes to Enhance Fight Against Antimicrobial Resistance” and “Mitigating Spread of Antimicrobials and Resistant Microbes through Treatment of Manure”.

Call for Applications

Applications from qualified and interested Tanzanians are hereby invited for two (2) PhD positions under thematic areas specified above. The scholarships will ONLY be considered for applicants with admission or proof of submitted application for admission into PhD programmes at SUA, preferably in the Department of Veterinary Medicine and Public Health. Skills and experience in working on poultry health and diseases using molecular diagnostic techniques; and Liquid Chromatography Tandem Mass Spectrometry Techniques (LC-MS/MS) will be an added advantage for applicants on the first and second thematic areas specified above respectively.

Eligibility

- i. Holders of Master of Veterinary Medicine (MVM), Master of Science (MSc) or other equivalent masters degree in areas relevant to health and diseases in poultry (thematic area 1) and technologies for degrading antimicrobials in poultry manure and in the environment with further analysis using LC-MS/MS techniques (thematic area 2).
- ii. Applicants for the scholarships should have a minimum GPA of 3.0 at BSc. level for classified degrees and overall average of B for unclassified degree programmes and a GPA of 4.0 at MSc. Level from recognized Universities as per Tanzania Commission for Universities (TCU) guidelines.
- iii. Highly motivated candidate to develop a scientific career at PhD level within 3 years.
- iv. Not already enrolled in another funded PhD programme.
- v. Good academic records /transcripts.

- vi. Excellent communication skills
- vii. Demonstrated knowledge, skills and ability of working using One Health Approach.
- viii. Full time availability to undertake PhD studies from June 2022 for a period of 3 years.

How to apply

Potential applicants are hereby invited to submit the following: (i) motivation letter, (ii) curriculum vitae (including information on academic carrier, specialization and publications) , (iii) academic transcripts and certificates, (iv) three names of academic referees whereby at least one of them being the immediate work supervisor, and a 2-3 page concept note on the thematic field of interest. The concept note should contain an outline of the problem statement and rationale for the proposed study, objectives, methodological approach and expected outputs. Female candidates are highly encouraged and motivated to apply. As you apply, remember to indicate which among the two thematic area you are applying for.

Applications in electronic format **MUST** reach the Directorate of Postgraduate Studies, Research, Technology transfer and Consultancy by Wednesday 25th May 2022 at 16:00 hours through the following email: drpgs@sua.ac.tz. All applications **MUST** be copied to the Project Coordinator: Prof. Robinson Mdegela; E-mail: mdegela@sua.ac.tz. Only shortlisted applicants will be invited for an interview on Monday 30th May 2022.

Responsibilities

The PhD fellows' tasks will be to conduct studies specified in the project. The progress of the PhD fellows' work will be evaluated annually or as will be deemed necessary by the Supervisors and/or the Project Coordinator. It is expected that each of the PhD fellows will publish at least four papers in International peer reviewed journals.

Financial matters

The scholarship will be administered as per University Regulations and Guidelines and will cover tuition fees, a monthly stipend and research costs based on successful deliverables.

Further Contacts

More information on the project can be obtained from:
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