

### INTERNAL ADVERT

#### PROJECT RESEARCH: INVESTIGATION OF GIRAFFE SKIN DISEASE IN MURCHISON FALLS NATIONAL PARK

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| <b>Position Title</b>   | <b>MSc. Research student</b>   |
| <b>Number of positions</b>  | <b>1 (One)</b>   |
| <b>Thematic Area</b>  | <b>DISEASES DIAGNOSTICS IN THE WILD</b>  |
| <b>Location</b>   | <b>Makerere University, College of Veterinary Medicine, Animal resources and Biosecurity</b> |
| <b>Reporting to</b>   | <b>Project Principal Investigator</b>  |
| <b>Proposed Period</b>  | <b>1 (One) year</b>  |
| <p><b>1. Background of the Research training.</b></p> <p>The college of Veterinary Medicine, Animal resources and Biosecurity (COVAB) with her partners continuously design, fund and implement various research studies to realize Makerere University's mandate of providing higher education through teaching and learning, research and knowledge transfer.</p> <p>COVAB is responsible for research, Innovation and development in animal health management and runs a number of postgraduate programs to train and build capacity in livestock and wildlife health care.</p> <p>COVAB proposes to investigate the occurrence of Giraffe Skin disease (GSD) in Murchison Falls National park (MFNP). The aim is to support sustainable conservation of giraffes through training in laboratory detection and identification of GSD using molecular tools for better disease management.</p> <p>In this advert we seek to recruit a student of MSc to be trained to carry out research in molecular detection of infectious agents of GSD among giraffes in MFNP.</p> |  |
| <p><b>2. Purpose /Objectives of the research training</b></p> <ol style="list-style-type: none"> <li>i. Impart research writing skills and the art of scientific critique</li> <li>ii. To strengthen microbiological laboratory research techniques and SOPs</li> <li>iii. To design molecular tests to detect and differentiate disease causing microbes/parasites</li> <li>iv. Scientific dissemination skills</li> </ol>   |  |
| <p><b>3. Specific tasks to be performed by the intern</b></p> <ol style="list-style-type: none"> <li>i. Participate in various project research activities including development and review of project documents including standard operating procedures (SOPs);</li> <li>ii. Work with project staff to develop and review sample/ data collection procedure tools;</li> <li>iii. Participate in data/sample collection, processing, analysis and presentation</li> <li>iv. Participate in knowledge management activities of project research</li> <li>v. To actively participate in all training and skilling programs identified by the PI</li> <li>vi. To write and present periodic reports on research activities</li> <li>vii. Participate and cover project research meetings (both in-person and online)</li> <li>viii. Organize and actively participate in dissemination and knowledge sharing workshops</li> <li>ix. To participate in any other research related activity as deemed fit by the principal investigator</li> </ol>                            |  |
| <p><b>4. Qualification /Skills Eligibility</b></p> <p><b>Education:</b></p> <ul style="list-style-type: none"> <li>• Hold at least a Bachelor's degree preferably in a life science based discipline- obtained from a recognized institution.</li> </ul>  |  |

- Must have successfully completed first year of MSc Molecular Biology or MSc. Wildlife health Management or MSc. Preventive Veterinary Medicine

**Skills:**

- Ability to perform basic microbiology lab techniques
- Demonstrable skills in analytical thinking, communication and research and development
- Experience and ability to work in the wild

**Language:** Must have excellent knowledge of English with fluency in speaking, reading and writing.

**Females are encouraged to apply.**

**5. Financial Aspects**

A modest monthly stipend will be provided throughout the duration of the research project.

**6. Terms of Appointment**

- There is no expectation of employment at the end of the research training.
- This project offers full time research training and student are responsible for their own health insurance.

**7. Application**

To apply, please submit soft copies of: Application letter, Statement of Motivation, Academic documents, research concept and Curriculum Vitae (CV) to the Project Principal Investigator: [mugasaclaire@gmail.com](mailto:mugasaclaire@gmail.com) and copy [claire.mugasa@mak.ac.ug](mailto:claire.mugasa@mak.ac.ug)

**Deadline for application: 10<sup>th</sup> May 2024, 5pm East African Time.**

**Feedback:** Only successful candidates will receive a response